

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080429.D
 Acq On : 13 Jul 2015 16:38
 Operator : TP/UM
 Sample : PB84447BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Quant Time: Jul 14 00:58:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	11825	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	53114	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	28506	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	57564	20.00	ng	-0.01
75) Chrysene-d12	14.55	240	79486	20.00	ng	-0.17
86) Perylene-d12	16.31	264	88206	20.00	ng	-0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	90712	131.46	ng	0.00
7) Phenol-d6	6.77	99	111904	121.72	ng	0.00
23) Nitrobenzene-d5	7.70	82	70840	76.07	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	28766	103.40	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	153010	72.29	ng	0.00
78) Terphenyl-d14	13.31	244	212391	58.03	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	9563	28.79	ng	# 87
3) Pyridine	3.92	79	22268	30.19	ng	98
4) n-Nitrosodimethylamine	3.71	42	15932	39.38	ng	# 94
6) Aniline	6.81	93	19463	16.98	ng	# 83
8) 2-Chlorophenol	6.93	128	29303	35.25	ng	91
9) Benzaldehyde	6.69	77	11591	22.79	ng	91
10) Phenol	6.80	94	37967	37.37	ng	85
11) bis(2-Chloroethyl)ether	6.86	93	27779	33.21	ng	91
12) 1,3-Dichlorobenzene	7.07	146	33347	35.47	ng	97
13) 1,4-Dichlorobenzene	7.15	146	37148	35.04	ng	99
14) 1,2-Dichlorobenzene	7.31	146	33600	33.45	ng	95
15) Benzyl Alcohol	7.29	79	25283	33.41	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.40	45	48641	40.33	ng	# 55
17) 2-Methylphenol	7.40	107	23062	31.92	ng	# 90
18) Hexachloroethane	7.65	117	10906	33.34	ng	95
19) n-Nitroso-di-n-propylamine	7.54	70	21503	34.18	ng	94
20) 3+4-Methylphenols	7.55	107	34570	38.07	ng	# 38
22) Acetophenone	7.54	105	42577	33.45	ng	# 98
24) Nitrobenzene	7.72	77	32058	31.11	ng	95
25) Isophorone	7.95	82	55527	33.27	ng	97
26) 2-Nitrophenol	8.04	139	14163	28.64	ng	94
27) 2,4-Dimethylphenol	8.08	122	29571	37.98	ng	95
28) bis(2-Chloroethoxy)methane	8.16	93	37154	36.79	ng	98
29) 2,4-Dichlorophenol	8.28	162	27219	37.87	ng	85
30) 1,2,4-Trichlorobenzene	8.36	180	28902	30.40	ng	99
31) Naphthalene	8.44	128	96410	33.19	ng	99
32) Benzoic acid	8.17	122	17869	32.65	ng	92
33) 4-Chloroaniline	8.50	127	20170	20.48	ng	98
34) Hexachlorobutadiene	8.56	225	16890	30.60	ng	99
35) Caprolactam	8.85	113	7008	34.09	ng	# 75
36) 4-Chloro-3-methylphenol	8.98	107	30996	40.73	ng	85
37) 2-Methylnaphthalene	9.14	142	60435	31.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	29539	30.97	ng	98
40) Hexachlorocyclopentadiene	9.29	237	34832	70.00	ng	100

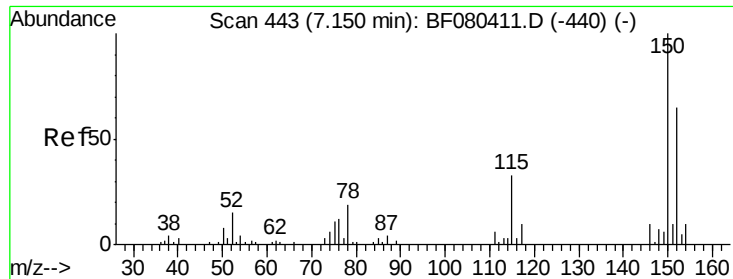
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080429.D
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 Operator : TP/UM
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	18324	33.36	ng	91
43) 2,4,5-Trichlorophenol	9.46	196	22493	38.16	ng #	86
45) 1,1'-Biphenyl	9.60	154	84467	33.99	ng	99
46) 2-Chloronaphthalene	9.62	162	58568	31.93	ng #	91
47) 2-Nitroaniline	9.73	65	16681	30.53	ng #	80
48) Acenaphthylene	10.04	152	108785	34.68	ng	99
49) Dimethylphthalate	9.89	163	76464	35.49	ng	99
50) 2,6-Dinitrotoluene	9.96	165	14518	30.02	ng #	75
51) Acenaphthene	10.21	154	74483	37.35	ng	99
52) 3-Nitroaniline	10.14	138	11025	23.35	ng	82
53) 2,4-Dinitrophenol	10.24	184	19114	84.25	ng #	73
54) Dibenzofuran	10.38	168	95568	36.19	ng	96
55) 4-Nitrophenol	10.30	139	28737	75.45	ng	87
56) 2,4-Dinitrotoluene	10.36	165	23451	41.47	ng #	71
57) Fluorene	10.73	166	79400	35.69	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.51	232	18880	36.50	ng #	91
59) Diethylphthalate	10.59	149	76622	36.32	ng	95
60) 4-Chlorophenyl-phenylether	10.72	204	34468	32.16	ng	90
61) 4-Nitroaniline	10.75	138	14947	32.08	ng	88
62) Azobenzene	10.88	77	79063	34.72	ng	89
64) 4,6-Dinitro-2-methylphenol	10.77	198	11029	35.37	ng #	63
65) n-Nitrosodiphenylamine	10.83	169	66214	36.90	ng	98
66) 4-Bromophenyl-phenylether	11.21	248	21019	34.26	ng #	83
67) Hexachlorobenzene	11.28	284	21934	35.61	ng #	69
68) Atrazine	11.36	200	22011	39.45	ng	97
69) Pentachlorophenol	11.48	266	27540	78.29	ng	98
70) Phenanthrene	11.70	178	117781	34.06	ng	99
71) Anthracene	11.74	178	121343	37.89	ng	98
72) Carbazole	11.90	167	114803	38.84	ng	97
73) Di-n-butylphthalate	12.23	149	113061	36.18	ng	99
74) Fluoranthene	12.92	202	142655	39.77	ng	97
76) Benzidine	13.06	184	56325	36.27	ng	99
77) Pyrene	13.17	202	152329	29.91	ng	98
79) Butylbenzylphthalate	13.85	149	58021	30.06	ng #	75
80) Benzo(a)anthracene	14.53	228	168059	33.55	ng	98
81) 3,3'-Dichlorobenzidine	14.49	252	38202	25.51	ng	98
82) Chrysene	14.58	228	157609	34.17	ng	98
83) Bis(2-ethylhexyl)phthalate	14.50	149	94545	31.21	ng	96
84) Di-n-octyl phthalate	15.27	149	172628	32.35	ng	97
85) Indeno(1,2,3-cd)pyrene	17.96	276	227044	39.63	ng	99
87) Benzo(b)fluoranthene	15.83	252	176681	28.84	ng #	98
88) Benzo(k)fluoranthene	15.83	252	176681	35.26	ng	98
89) Benzo(a)pyrene	16.24	252	180672	33.65	ng	98
90) Dibenzo(a,h)anthracene	17.97	278	188858	35.51	ng	98
91) Benzo(g,h,i)perylene	18.45	276	192469	36.43	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

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PB84447BS

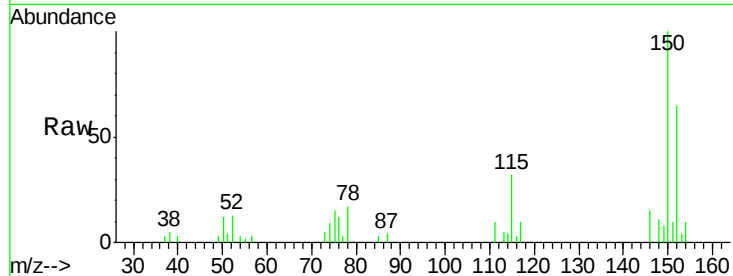
Tgt Ion:152 Resp: 11825

Ion Ratio Lower Upper

152 100

150 154.3 122.3 183.5

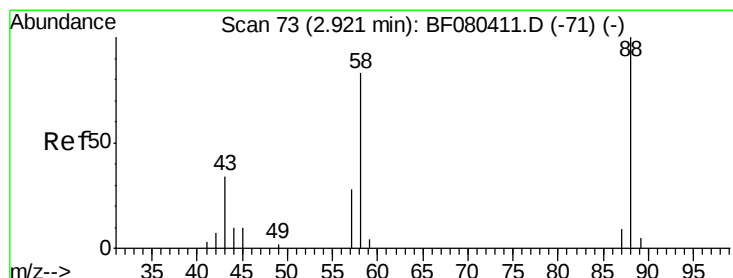
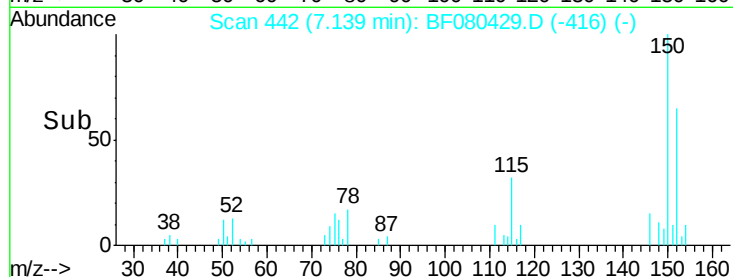
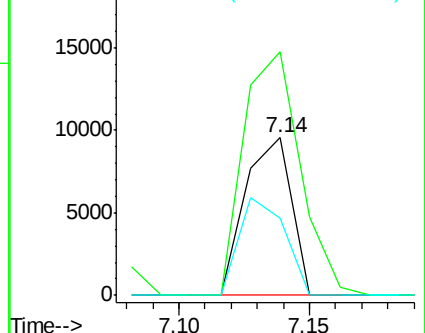
115 48.9 41.0 61.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.79 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.02 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

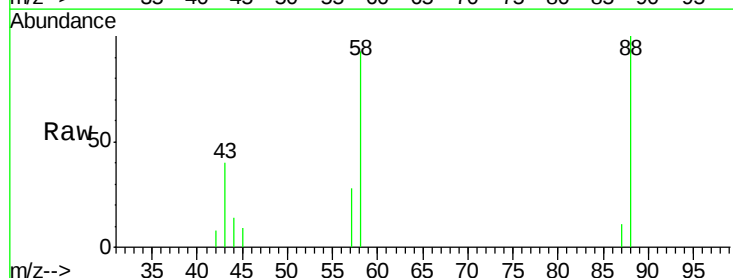
Tgt Ion: 88 Resp: 9563

Ion Ratio Lower Upper

88 100

58 87.3 62.4 93.6

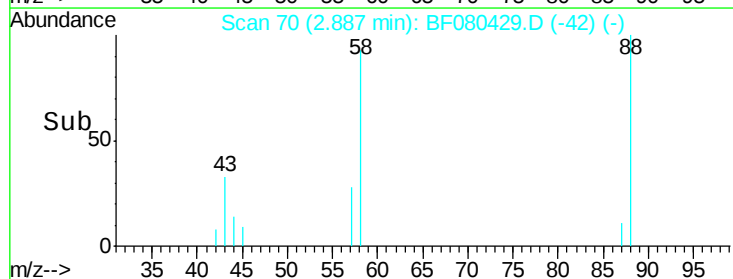
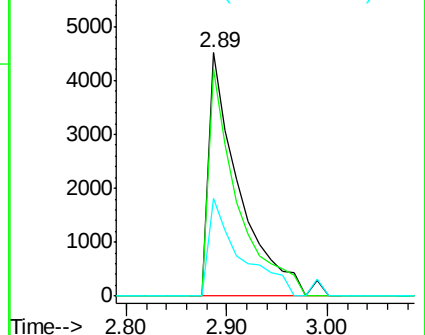
43 41.5 24.4 36.6#

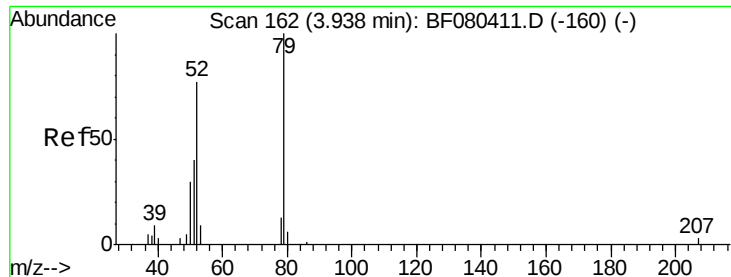


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.19 ng

RT: 3.92 min Scan# 160

Delta R.T. 0.07 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

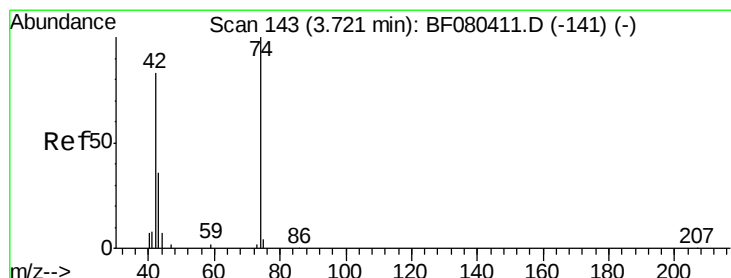
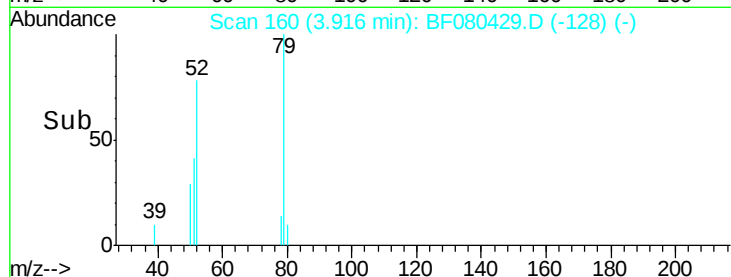
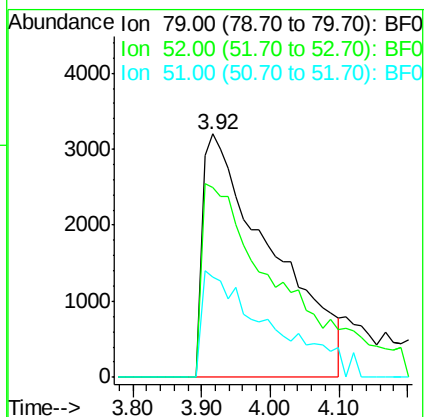
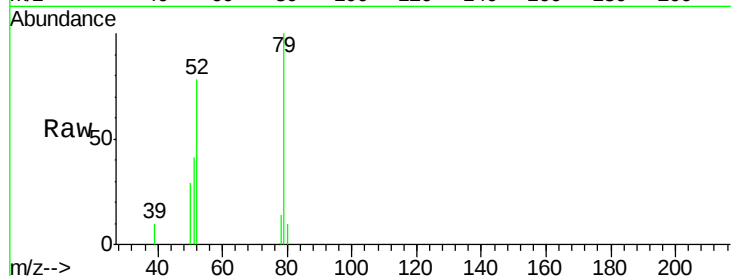
Tgt Ion: 79 Resp: 22268

Ion Ratio Lower Upper

79 100

52 77.9 61.6 92.4

51 41.1 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 39.38 ng

RT: 3.71 min Scan# 142

Delta R.T. 0.05 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

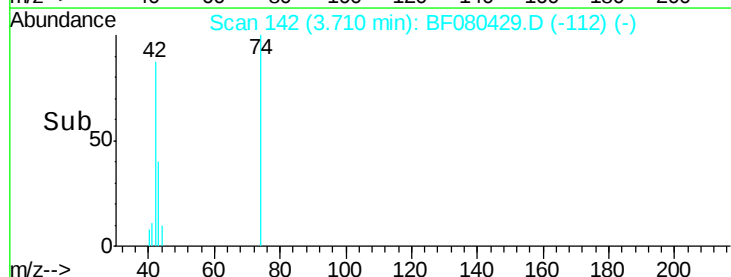
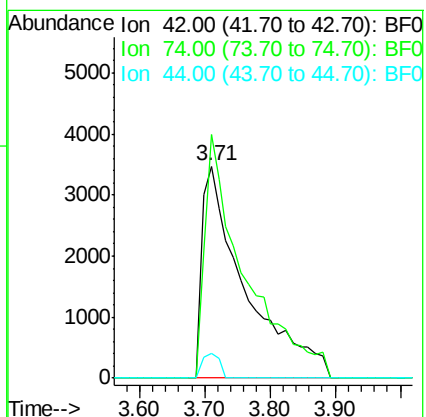
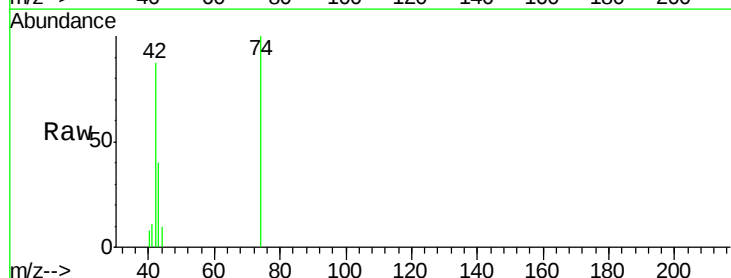
Tgt Ion: 42 Resp: 15932

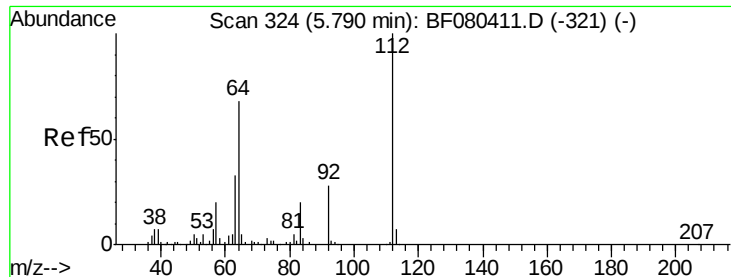
Ion Ratio Lower Upper

42 100

74 114.9 97.0 145.4

44 11.4 6.3 9.5#





#5

2-Fluorophenol

Concen: 131.46 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

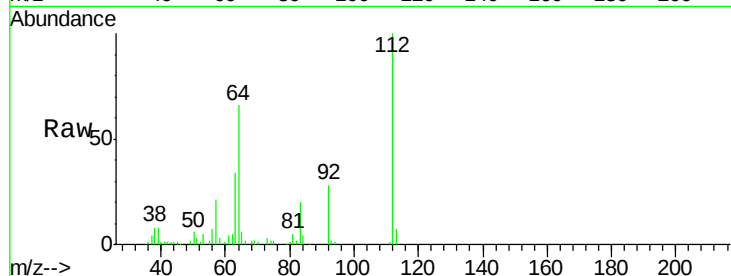
Tgt Ion: 112 Resp: 90712

Ion Ratio Lower Upper

112 100

64 66.1 54.3 81.5

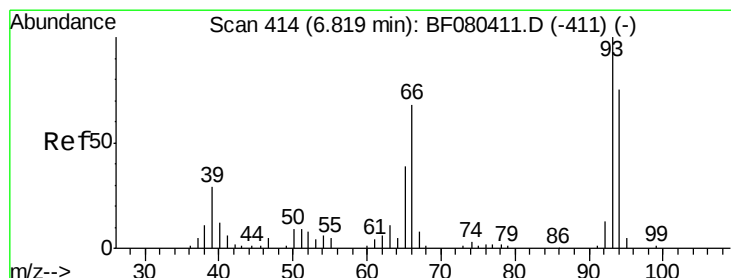
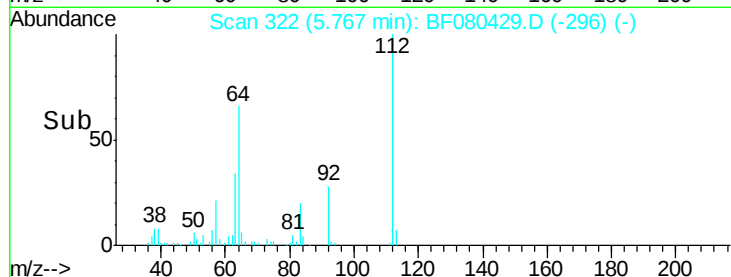
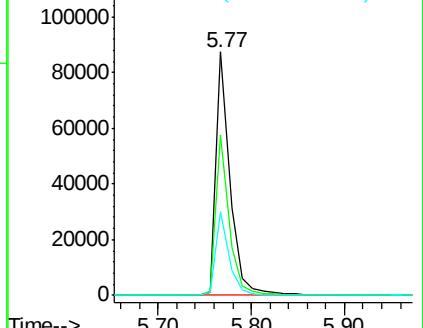
63 34.5 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.98 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

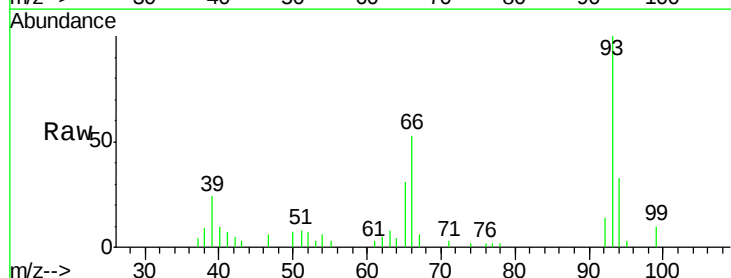
Tgt Ion: 93 Resp: 19463

Ion Ratio Lower Upper

93 100

66 53.5 54.8 82.2#

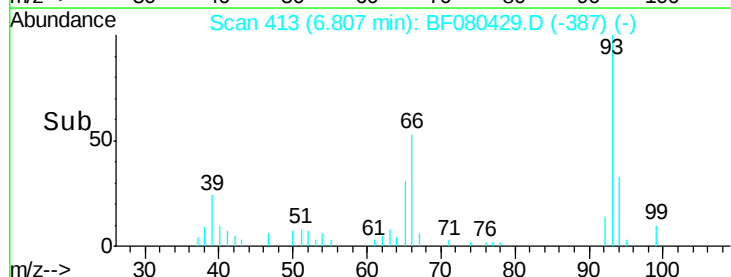
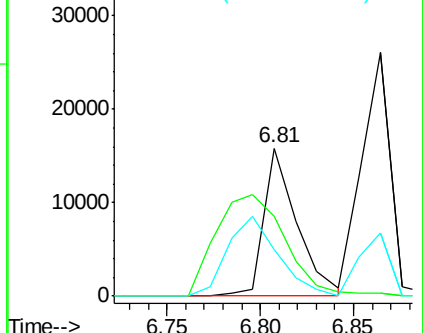
65 31.2 31.4 47.2#

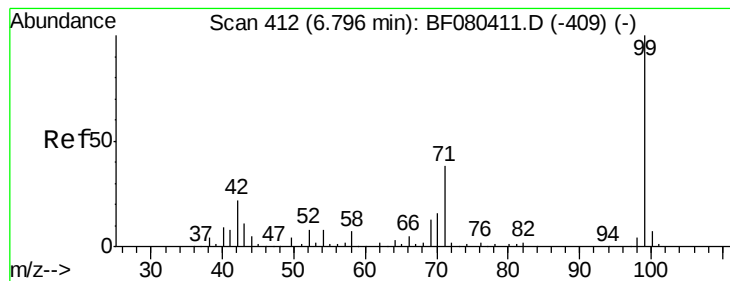


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.72 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

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PB84447BS

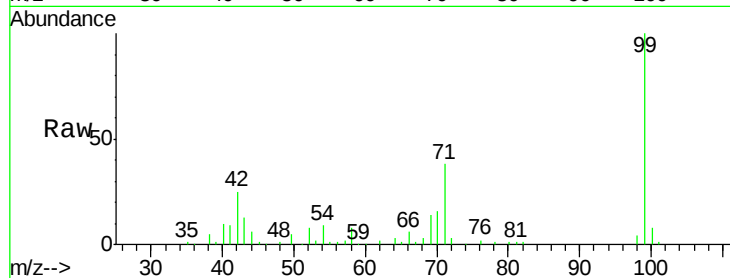
Tgt Ion: 99 Resp: 111904

Ion Ratio Lower Upper

99 100

42 24.8 17.9 26.9

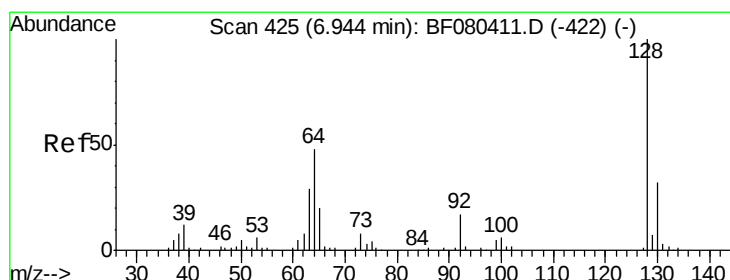
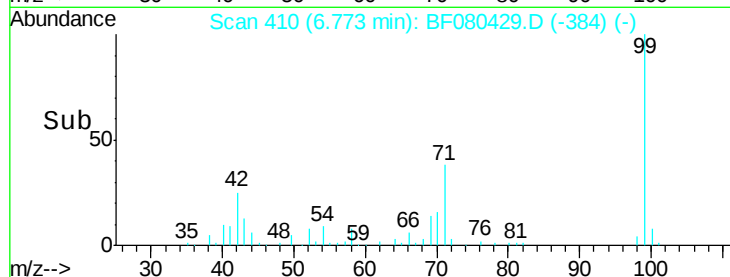
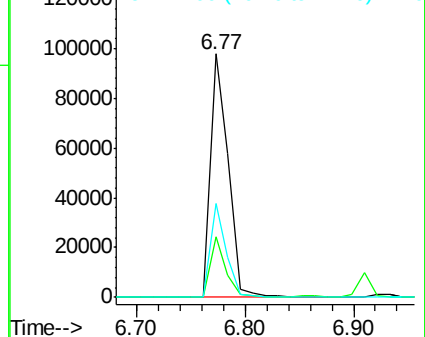
71 38.5 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.25 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

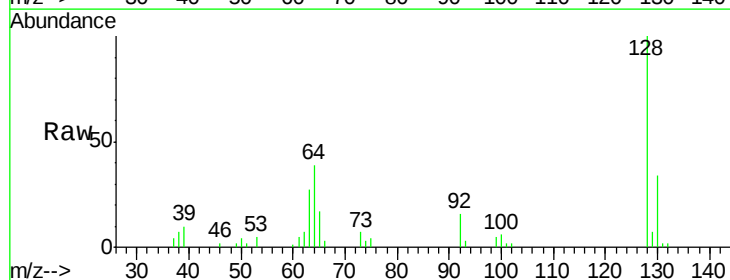
Tgt Ion: 128 Resp: 29303

Ion Ratio Lower Upper

128 100

130 33.9 11.7 51.7

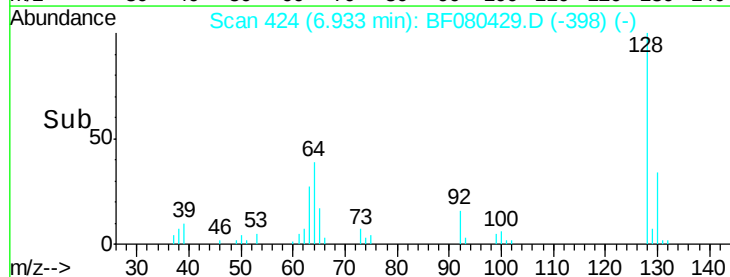
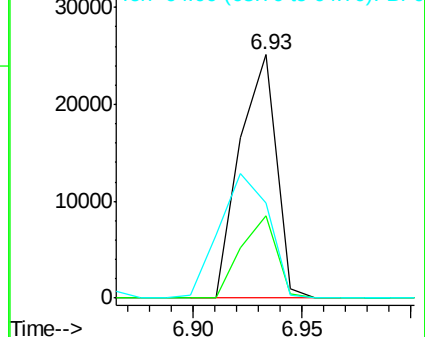
64 39.2 28.0 68.0

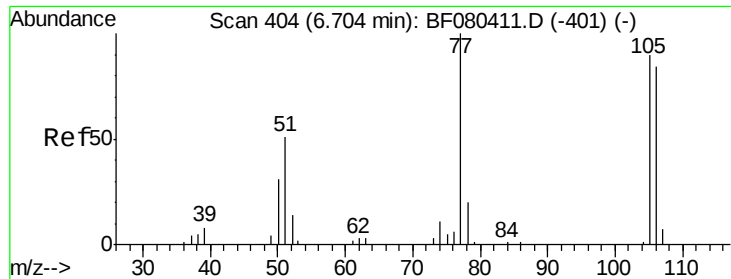


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.79 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

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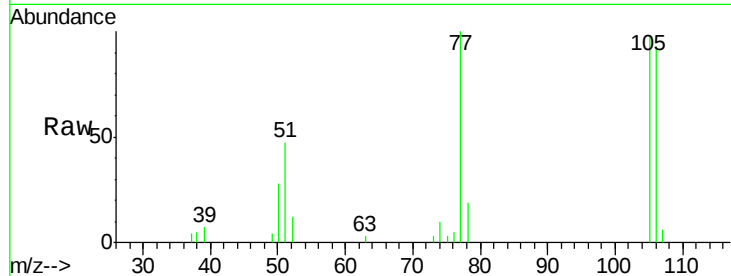
Tgt Ion: 77 Resp: 11591

Ion Ratio Lower Upper

77 100

105 98.0 69.6 109.6

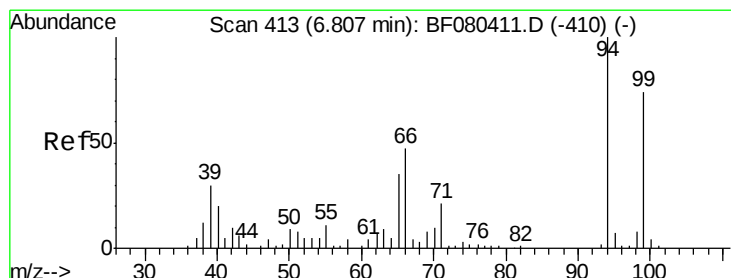
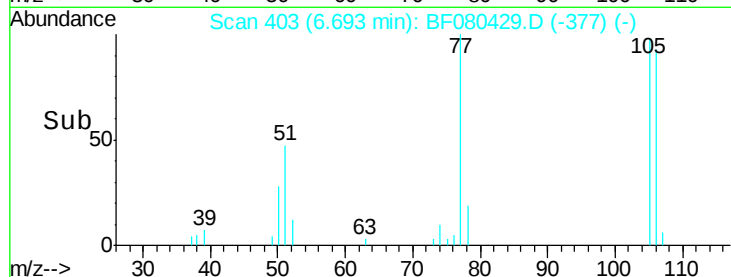
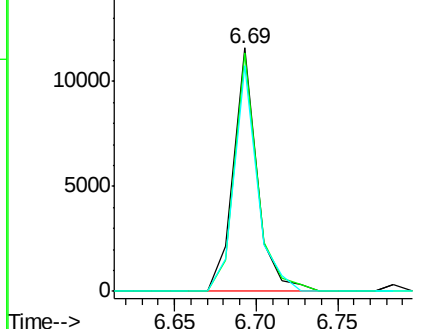
106 92.7 63.6 103.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.37 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

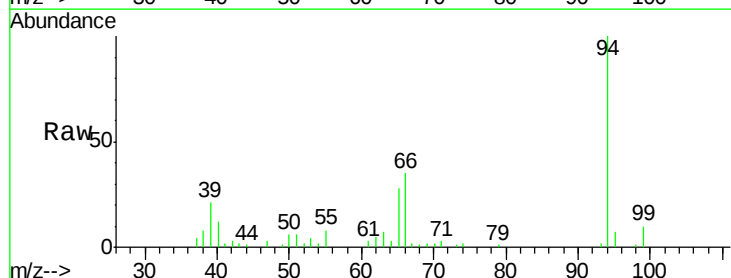
Tgt Ion: 94 Resp: 37967

Ion Ratio Lower Upper

94 100

65 27.7 15.0 55.0

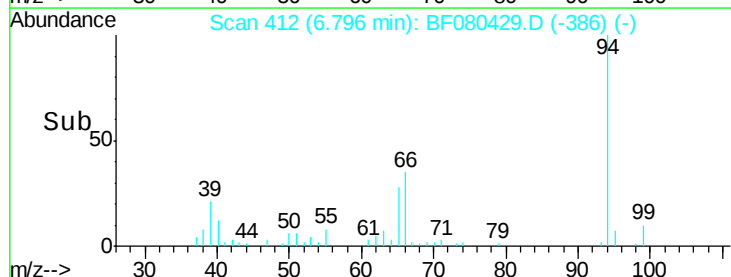
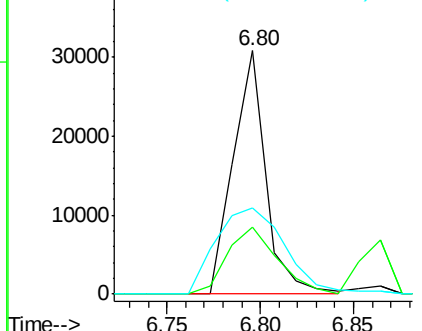
66 35.3 27.1 67.1

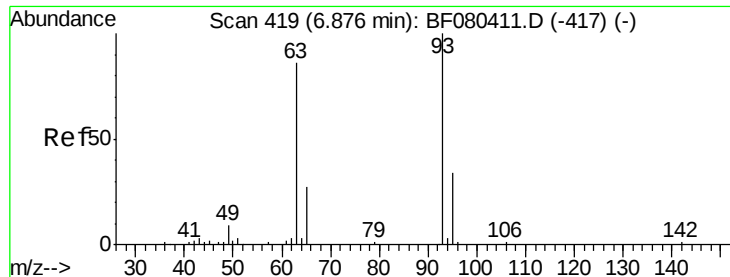


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

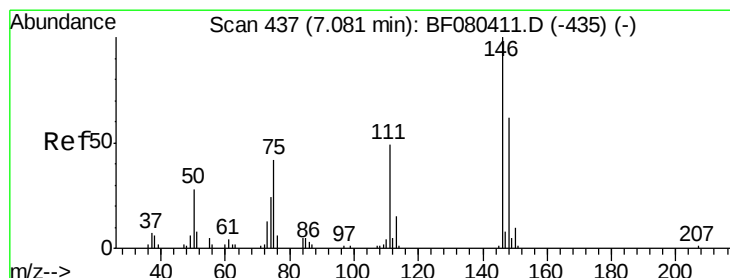
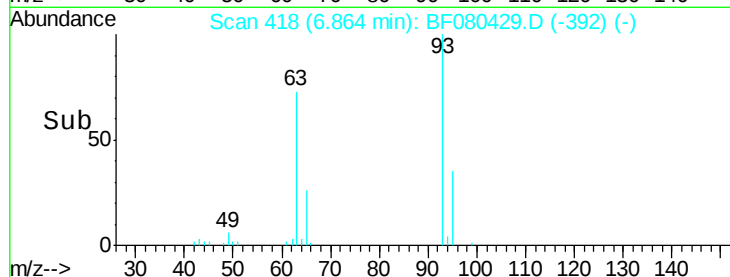
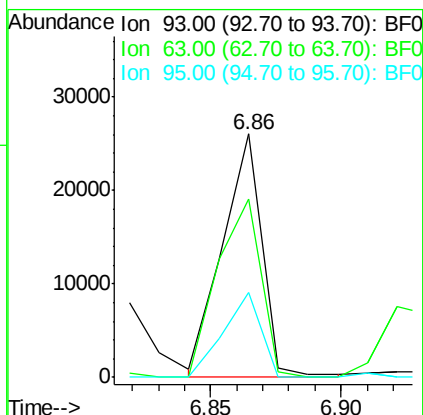
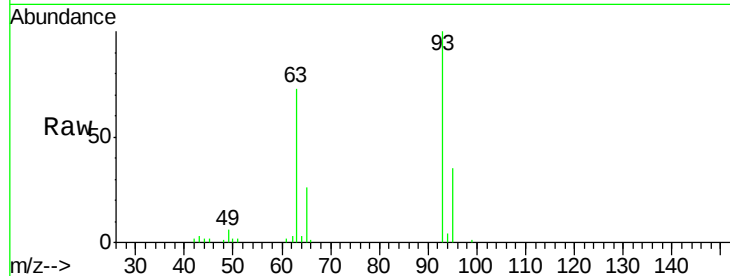




#11
 bis(2-Chloroethyl)ether
 Concen: 33.21 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

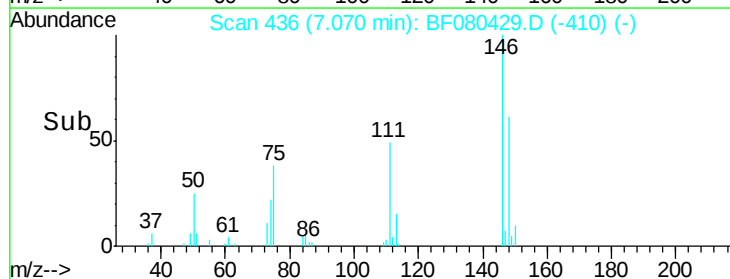
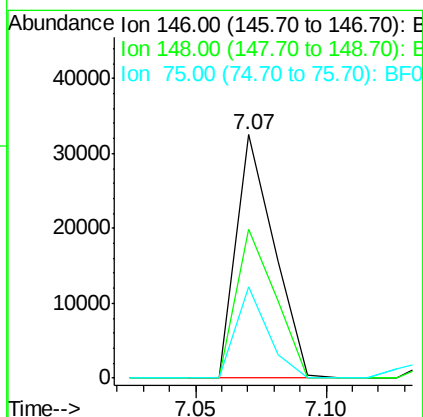
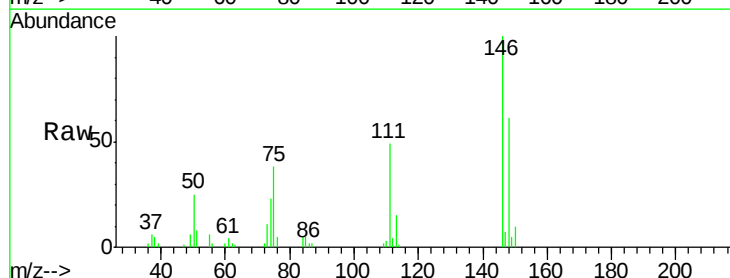
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

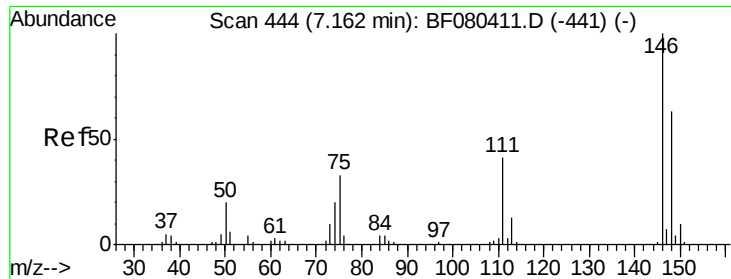
Tgt Ion: 93 Resp: 27779
 Ion Ratio Lower Upper
 93 100
 63 73.1 62.9 102.9
 95 35.1 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 35.47 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion: 146 Resp: 33347
 Ion Ratio Lower Upper
 146 100
 148 61.3 49.5 74.3
 75 37.7 33.4 50.2

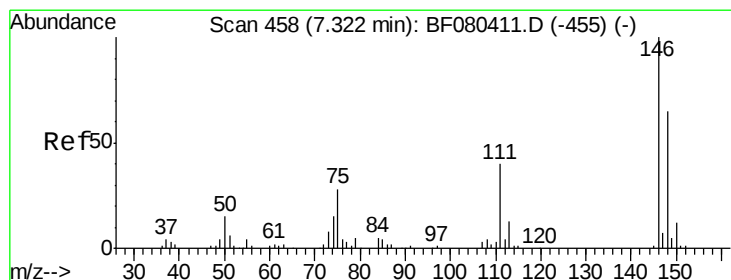
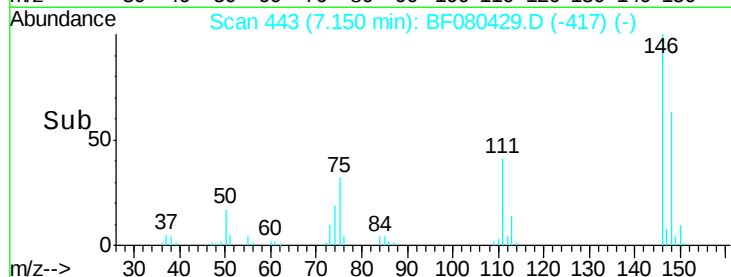
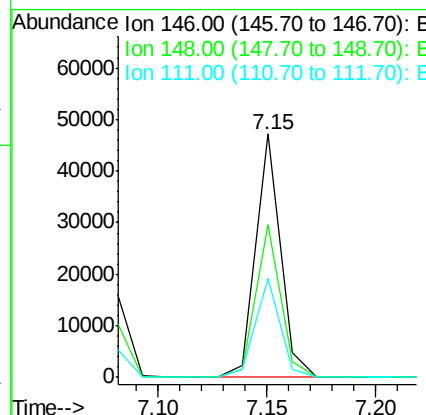
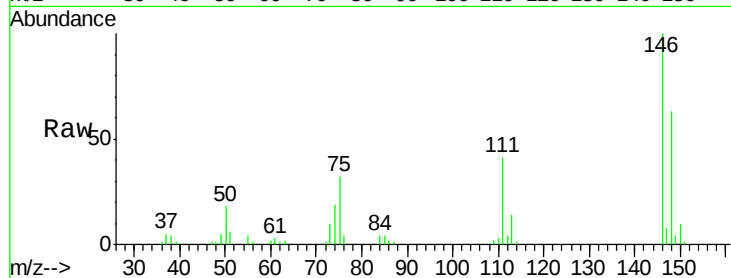




#13
 1,4-Dichlorobenzene
 Concen: 35.04 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

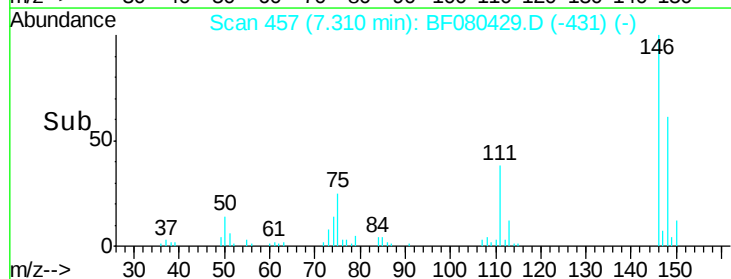
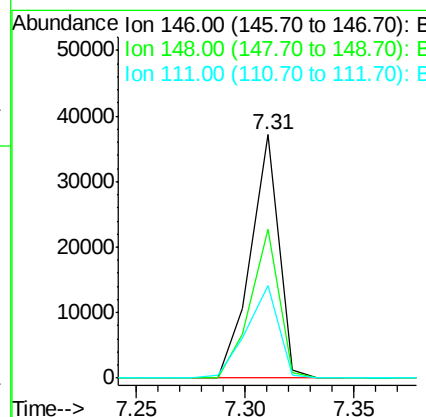
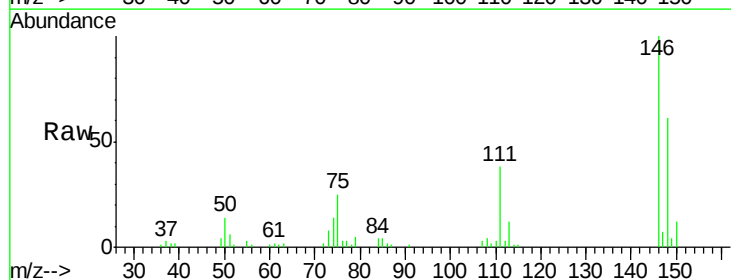
Instrument :
 BNA_F
 ClientSampled :
 PB84447BS

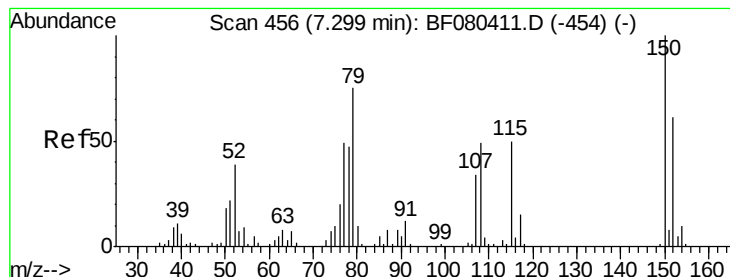
Tgt Ion:146 Resp: 37148
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.3 75.5
 111 40.6 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 33.45 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:146 Resp: 33600
 Ion Ratio Lower Upper
 146 100
 148 61.1 52.2 78.4
 111 38.2 32.2 48.2





#15

Benzyl Alcohol

Concen: 33.41 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

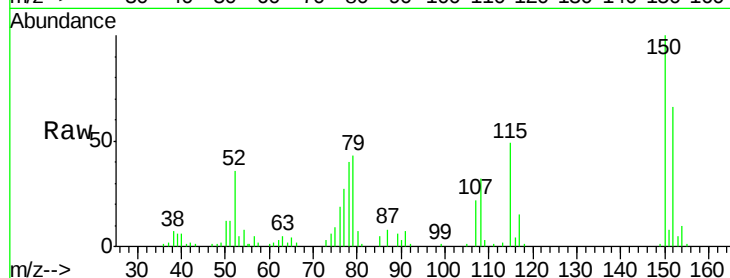
Tgt Ion: 79 Resp: 25283

Ion Ratio Lower Upper

79 100

108 73.7 51.6 77.4

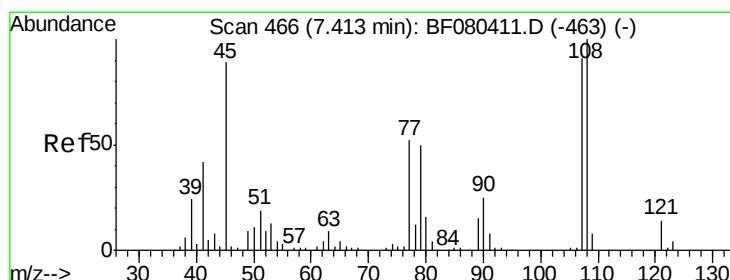
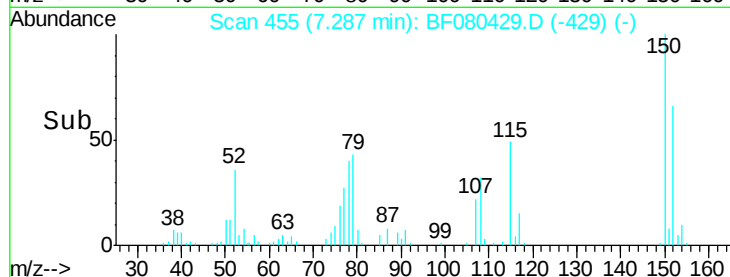
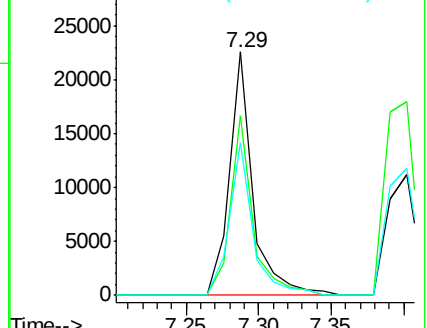
77 62.5 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.33 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

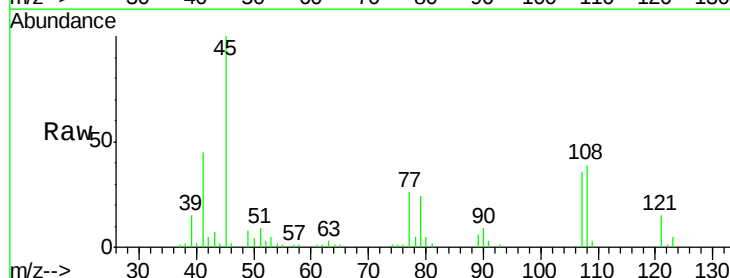
Tgt Ion: 45 Resp: 48641

Ion Ratio Lower Upper

45 100

77 25.6 39.1 79.1#

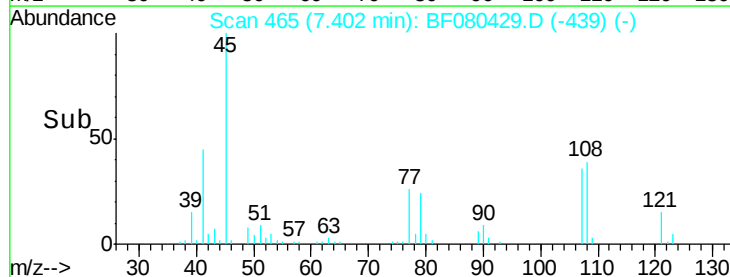
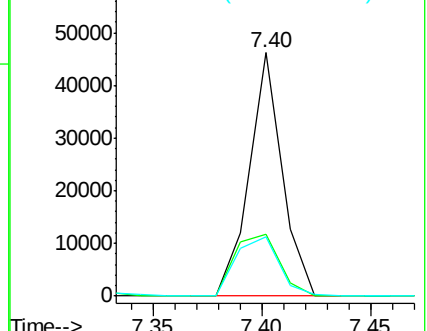
79 24.2 37.2 77.2#

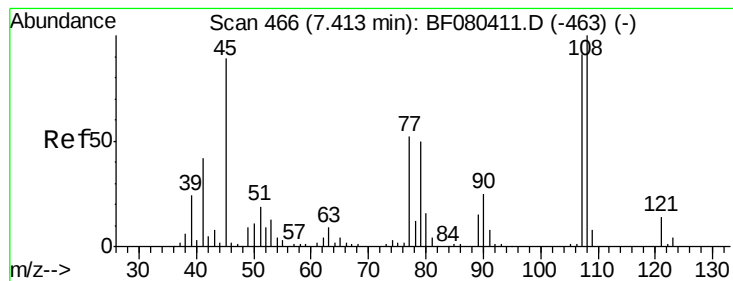


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.92 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion:107 Resp: 23062

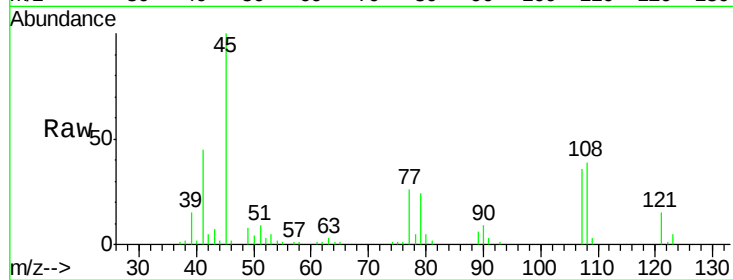
Ion Ratio Lower Upper

107 100

108 107.1 88.0 132.0

77 70.5 45.9 68.9#

79 66.7 44.5 66.7



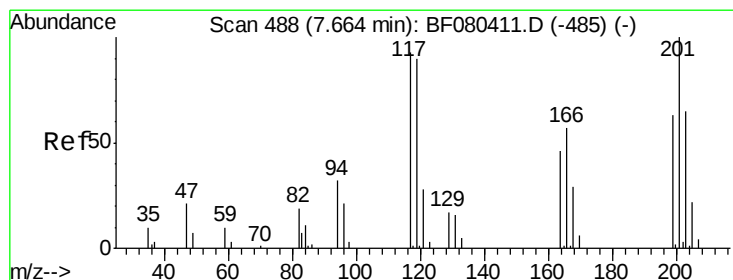
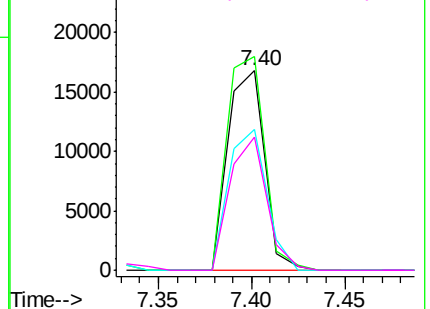
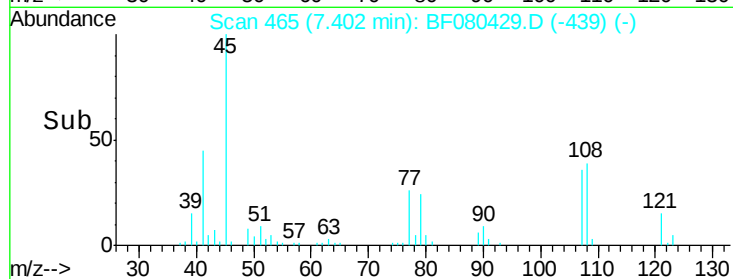
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.34 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

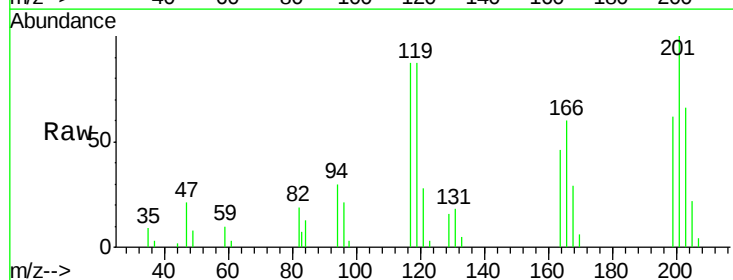
Tgt Ion:117 Resp: 10906

Ion Ratio Lower Upper

117 100

119 100.8 78.1 117.1

201 115.2 86.5 129.7

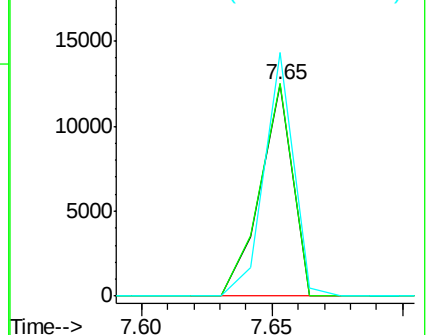
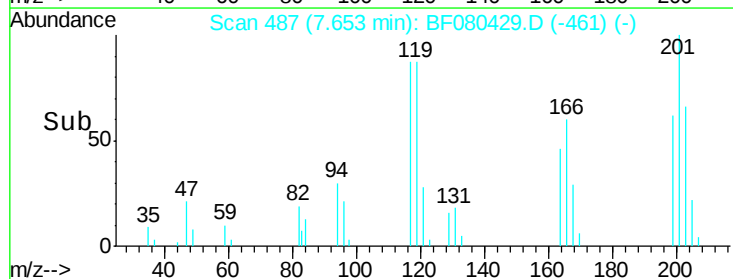


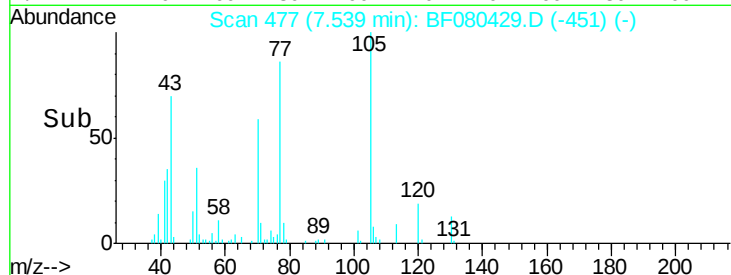
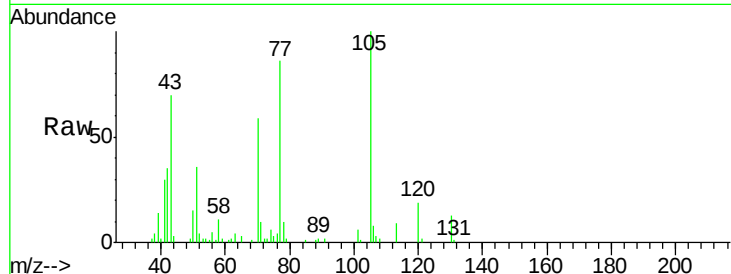
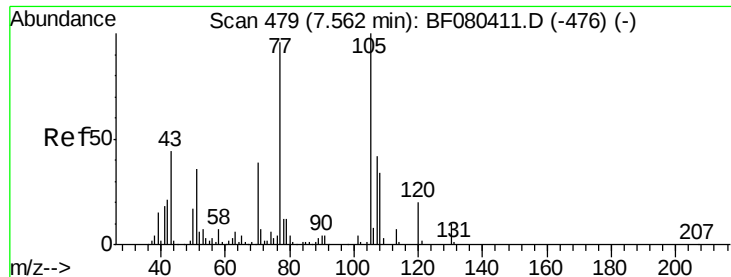
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

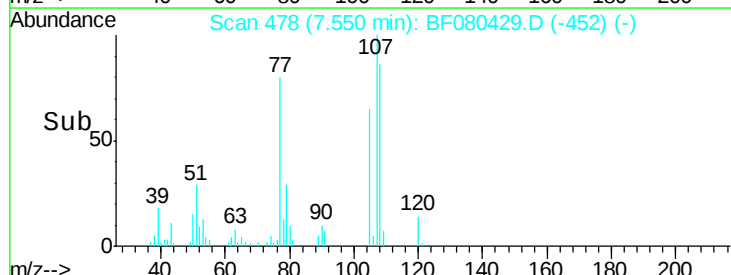
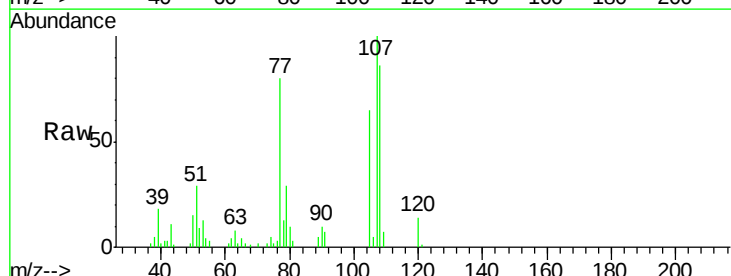
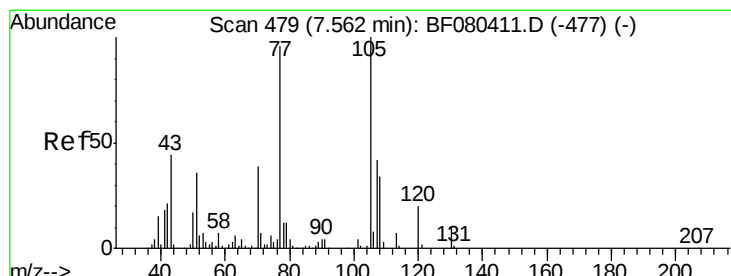
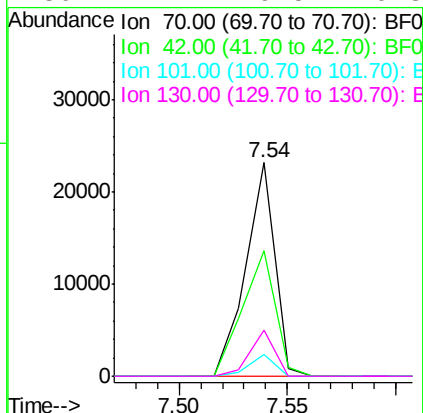




#19
n-Nitroso-di-n-propylamine
Concen: 34.18 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

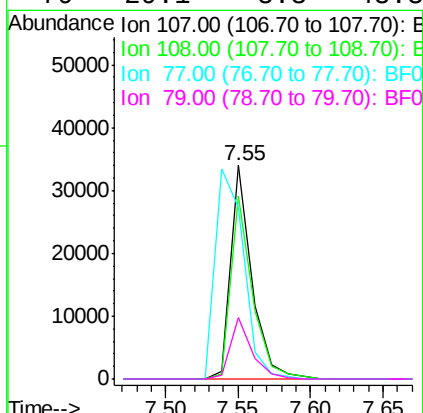
Instrument :
BNA_F
ClientSampleId :
PB84447BS

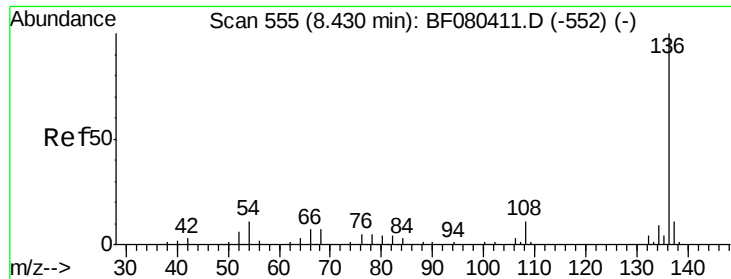
Tgt Ion:	70	Resp:	21503
Ion	Ratio	Lower	Upper
70	100		
42	58.9	43.4	65.0
101	10.1	9.0	13.6
130	21.4	19.5	29.3



#20
3+4-Methylphenols
Concen: 38.07 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:	107	Resp:	34570
Ion	Ratio	Lower	Upper
107	100		
108	85.7	60.8	100.8
77	80.4	207.5	247.5#
79	29.1	8.3	48.3

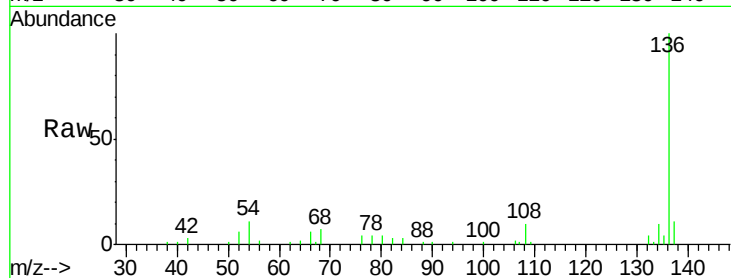




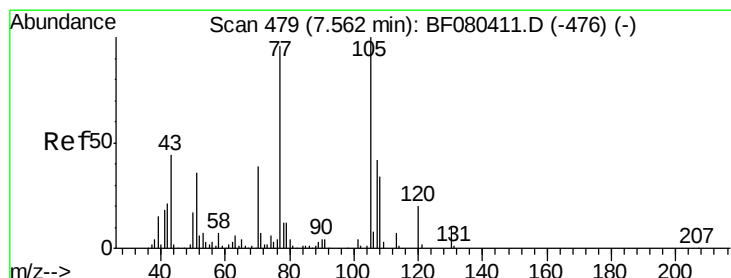
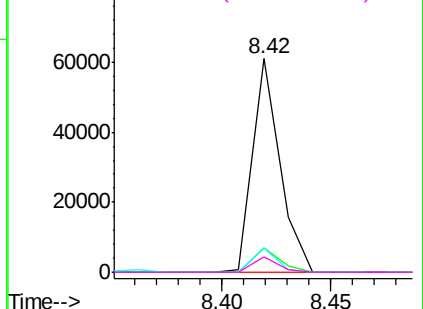
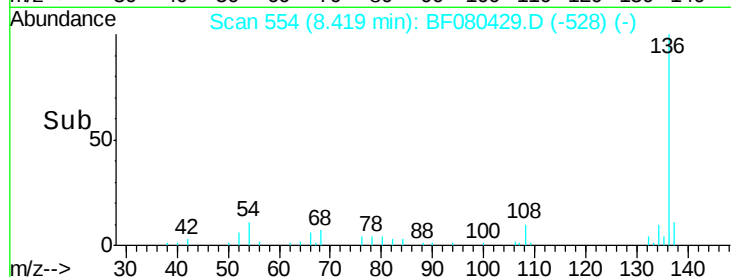
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:	136	Resp:	53114
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	11.2	9.1	13.7
68	7.1	5.9	8.9

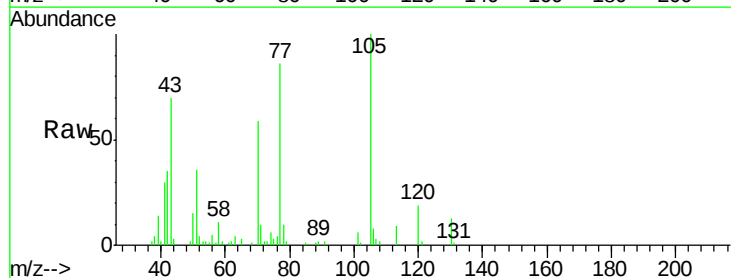


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

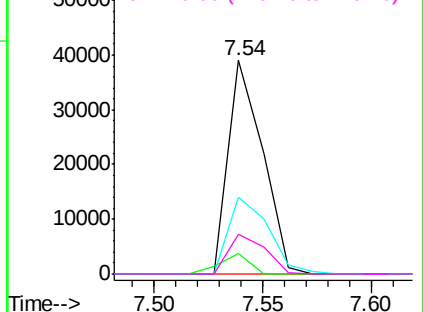
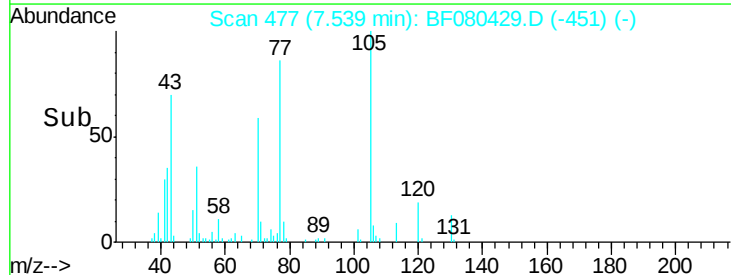


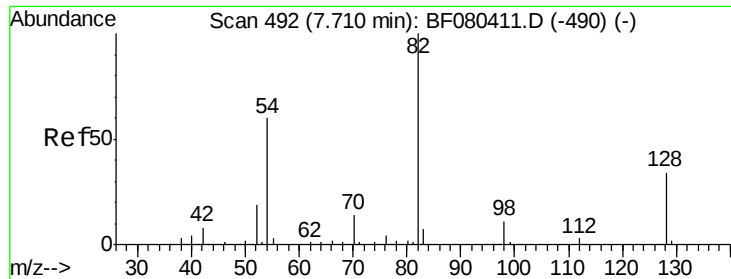
#22
Acetophenone
Concen: 33.45 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:	105	Resp:	42577
Ion	Ratio	Lower	Upper
105	100		
71	9.8	5.2	7.8#
51	36.2	28.7	43.1
120	18.9	16.4	24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

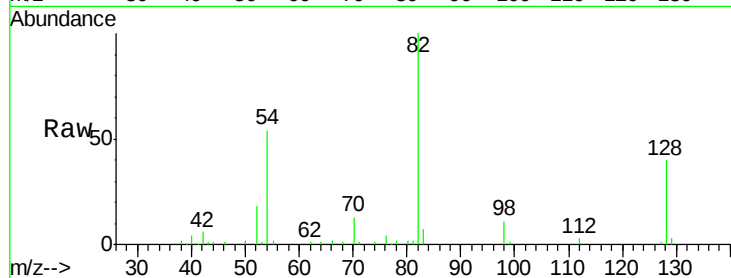




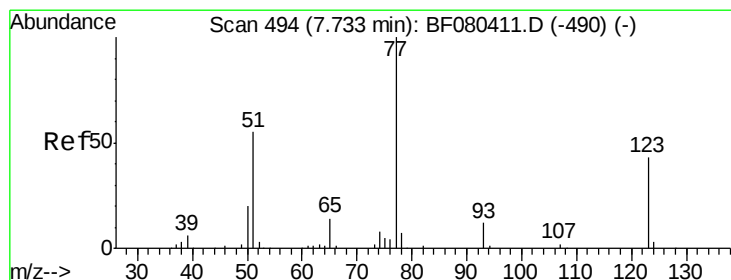
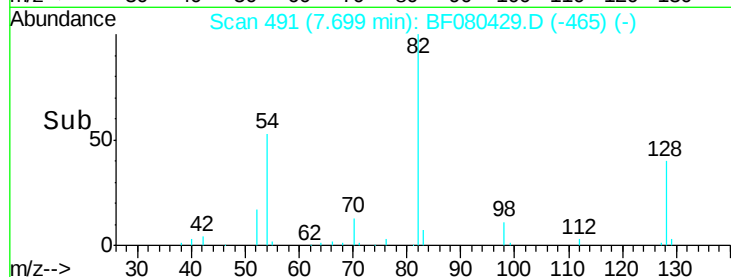
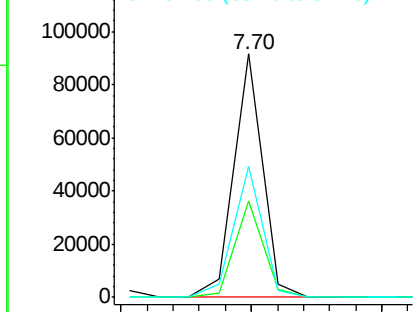
#23
Nitrobenzene-d5
Concen: 76.07 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion: 82 Resp: 70840
Ion Ratio Lower Upper
82 100
128 39.7 26.9 40.3
54 54.0 47.7 71.5

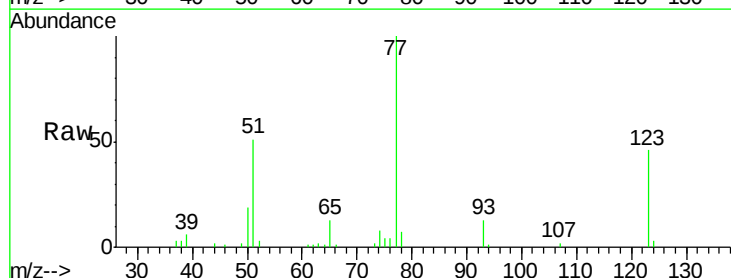


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

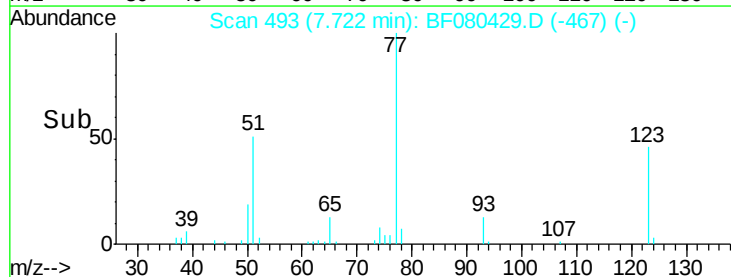
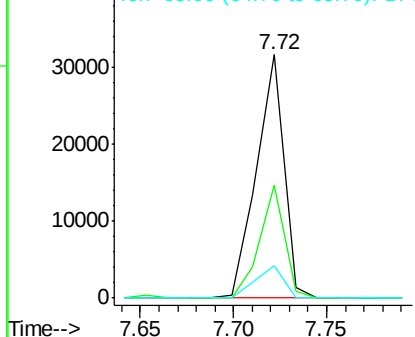


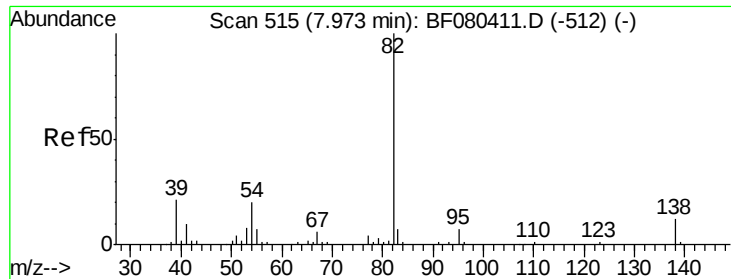
#24
Nitrobenzene
Concen: 31.11 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion: 77 Resp: 32058
Ion Ratio Lower Upper
77 100
123 46.3 34.0 51.0
65 13.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.27 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

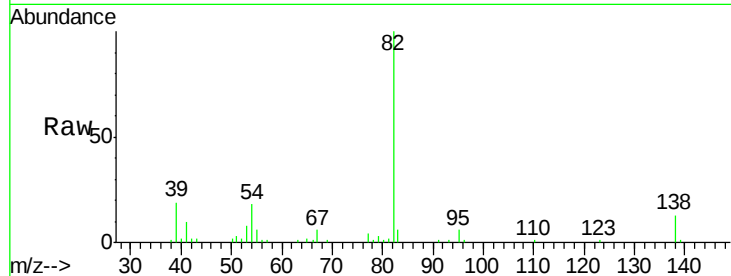
Tgt Ion: 82 Resp: 55527

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

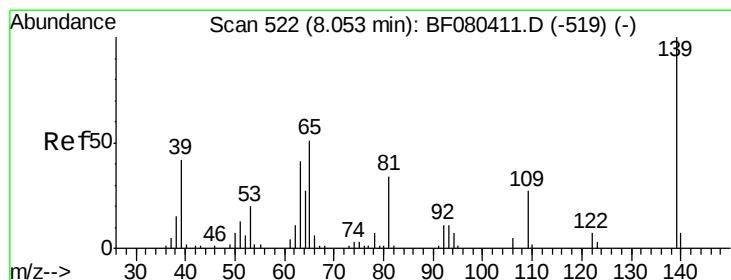
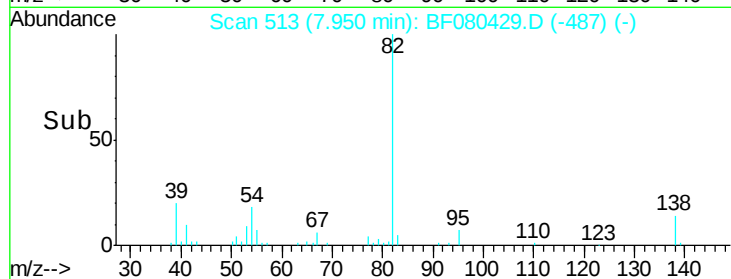
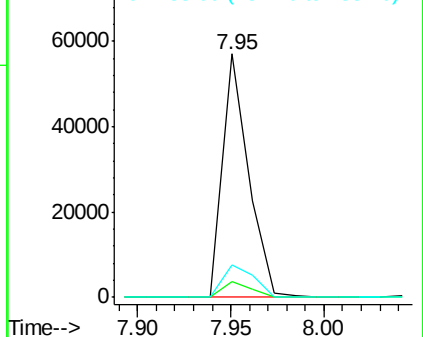
138 13.5 9.5 14.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.64 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

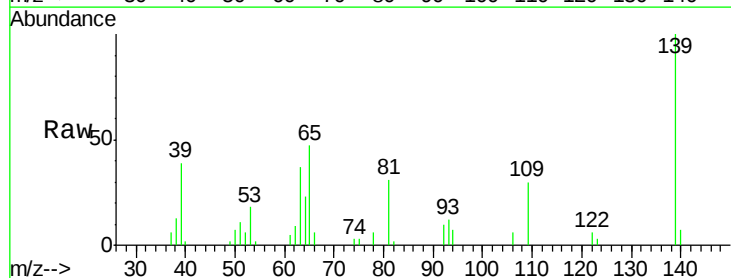
Tgt Ion: 139 Resp: 14163

Ion Ratio Lower Upper

139 100

109 29.8 21.7 32.5

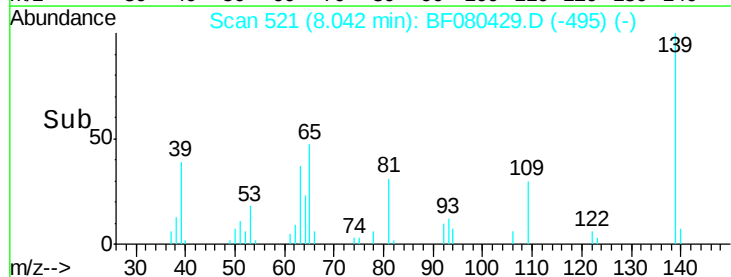
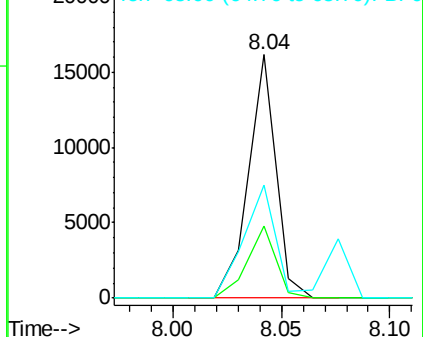
65 46.7 40.5 60.7

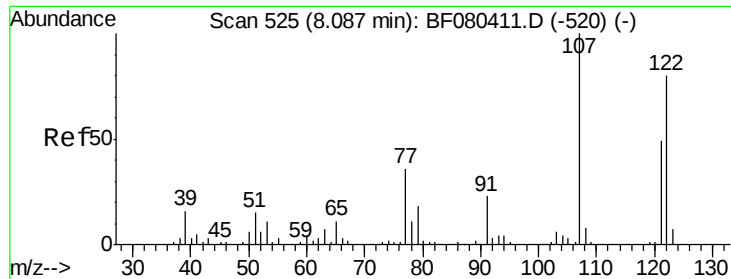


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

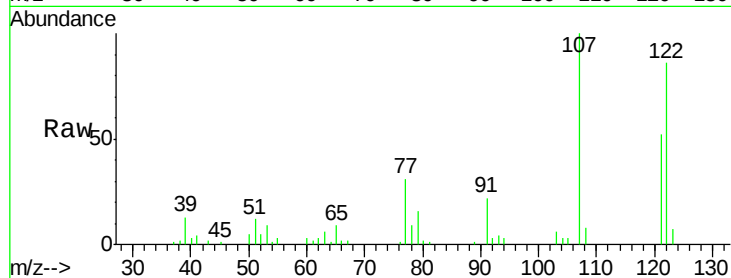




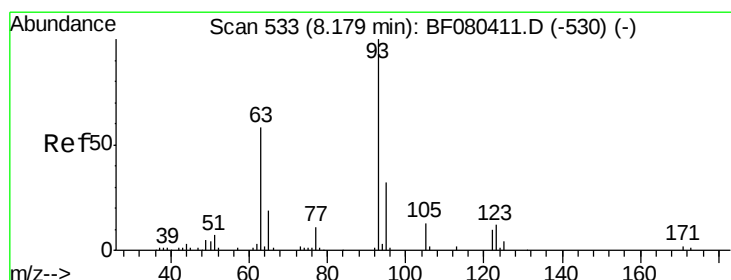
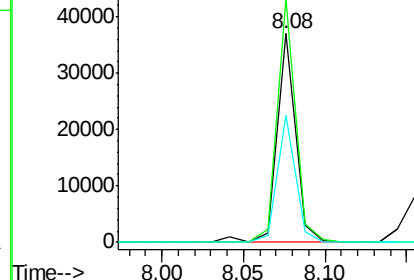
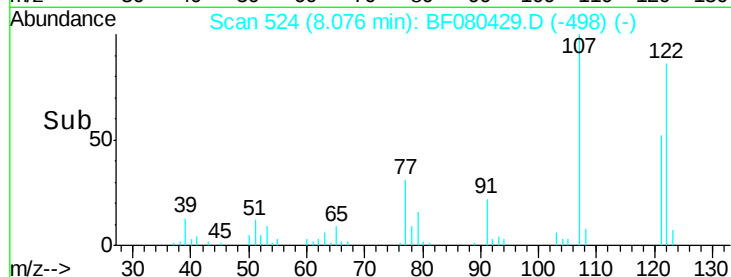
#27
 2,4-Dimethylphenol
 Concen: 37.98 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion: 122 Resp: 29571
 Ion Ratio Lower Upper
 122 100
 107 116.6 99.5 149.3
 121 60.8 48.4 72.6

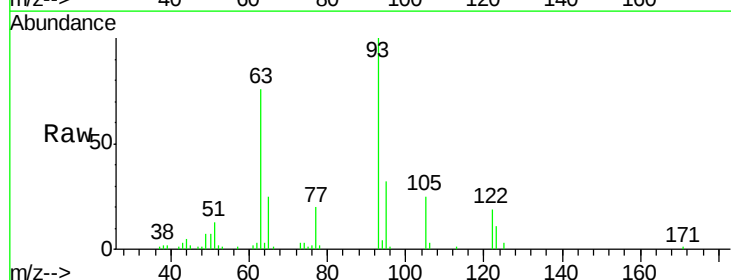


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

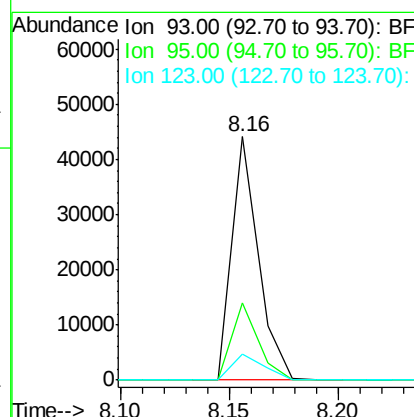
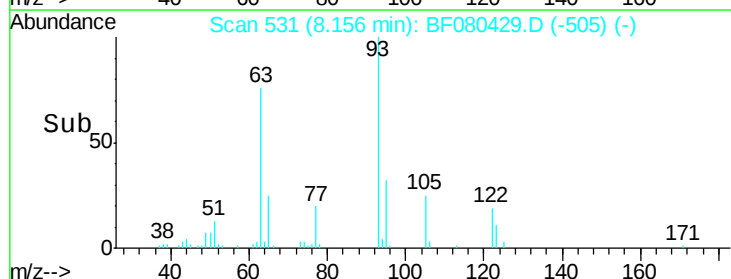


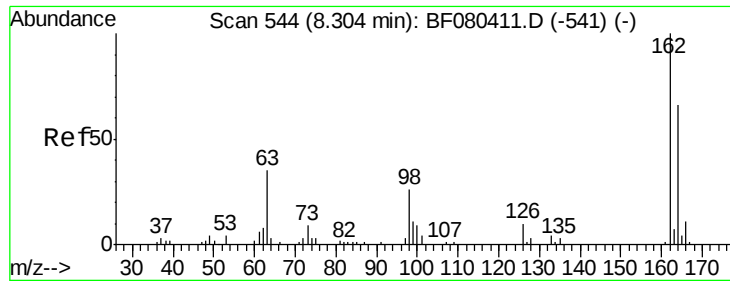
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.79 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion: 93 Resp: 37154
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.8
 123 10.7 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

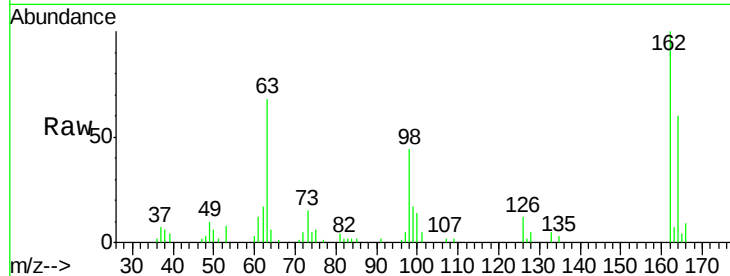




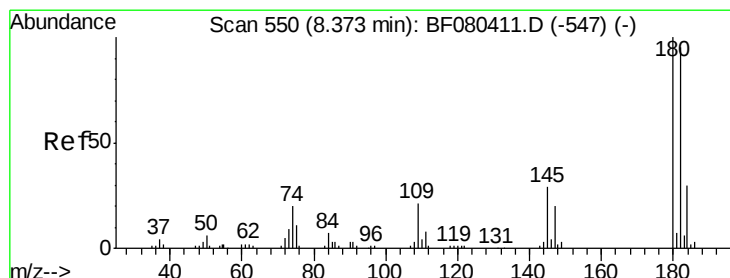
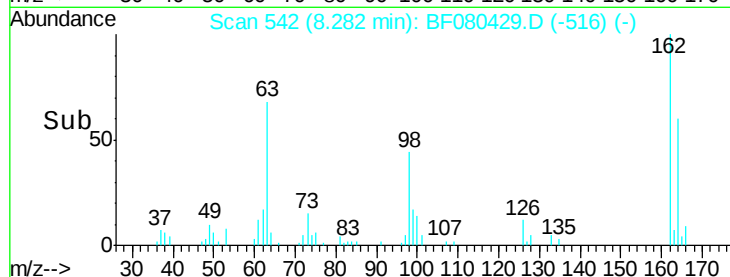
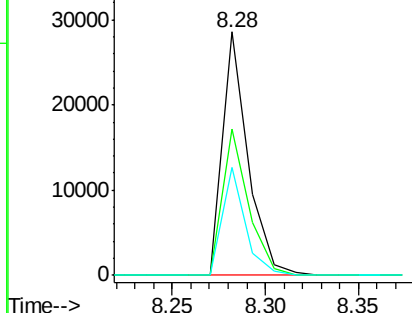
#29
 2,4-Dichlorophenol
 Concen: 37.87 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:162 Resp: 27219
 Ion Ratio Lower Upper
 162 100
 164 60.3 45.5 85.5
 98 44.1 6.3 46.3

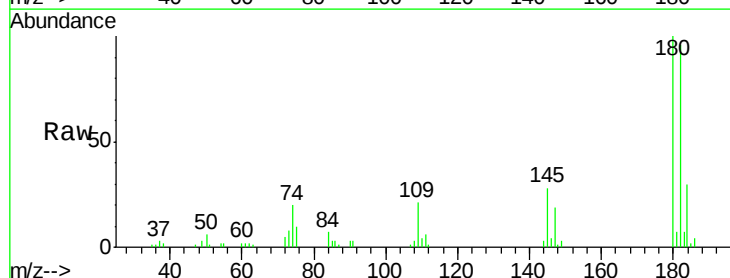


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

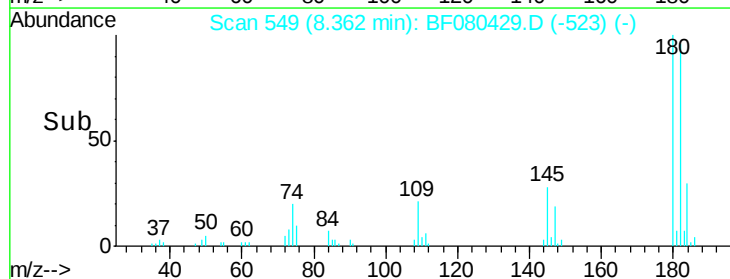
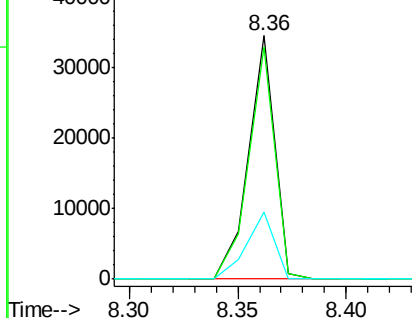


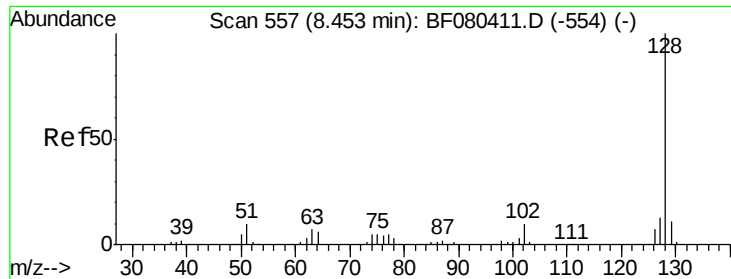
#30
 1,2,4-Trichlorobenzene
 Concen: 30.40 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:180 Resp: 28902
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.6 113.4
 145 27.6 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

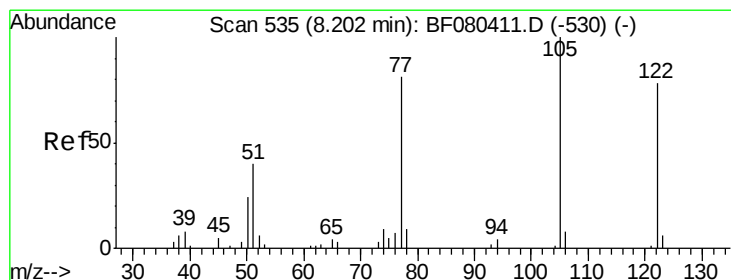
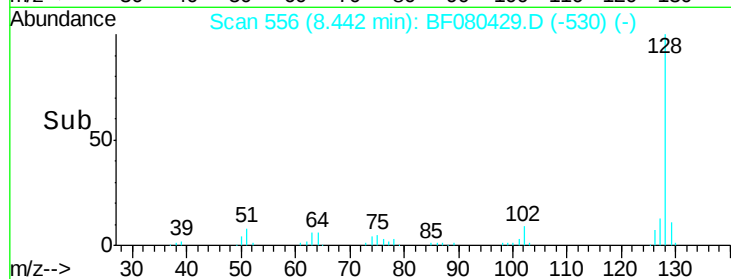
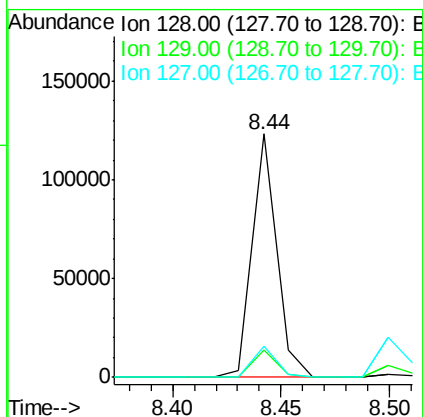
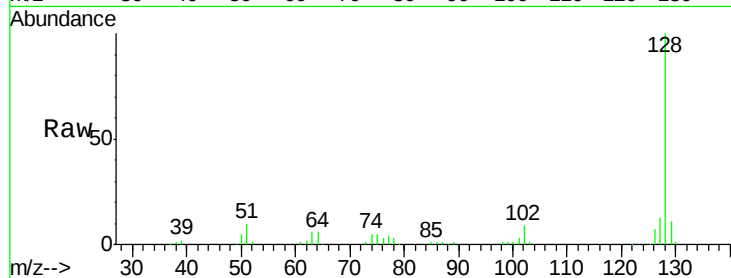




#31
Naphthalene
Concen: 33.19 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

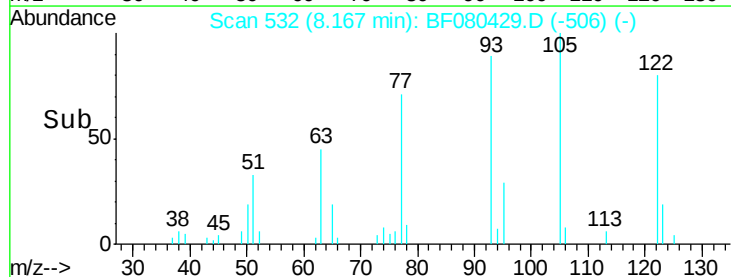
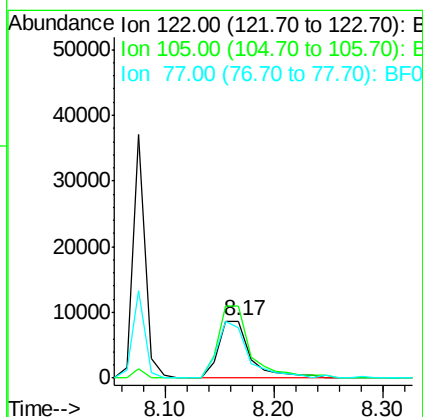
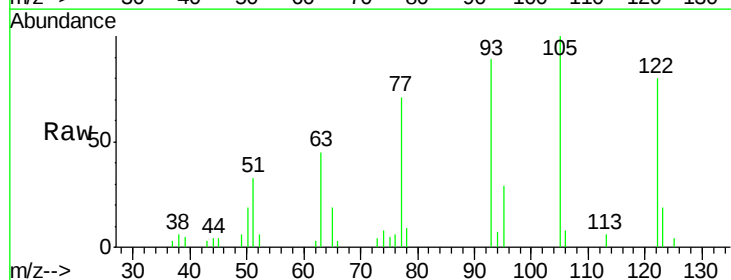
Instrument :
BNA_F
ClientSampleId :
PB84447BS

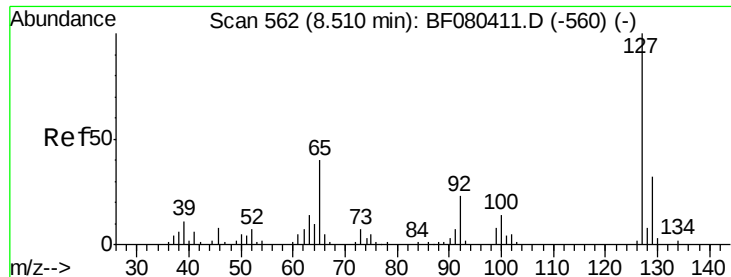
Tgt Ion:128 Resp: 96410
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 32.65 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:122 Resp: 17869
Ion Ratio Lower Upper
122 100
105 125.8 108.8 148.8
77 88.7 84.2 124.2

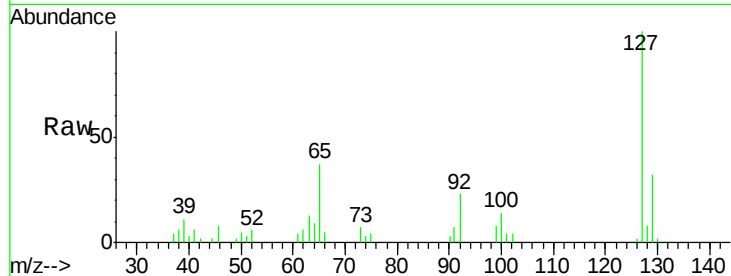




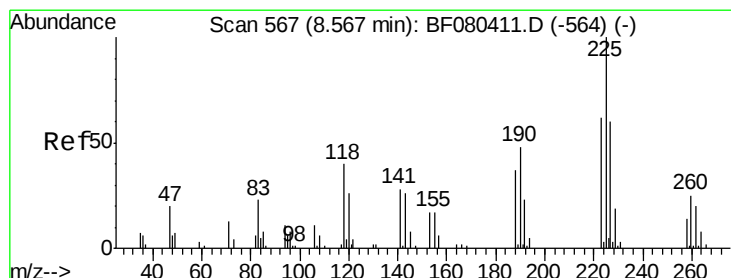
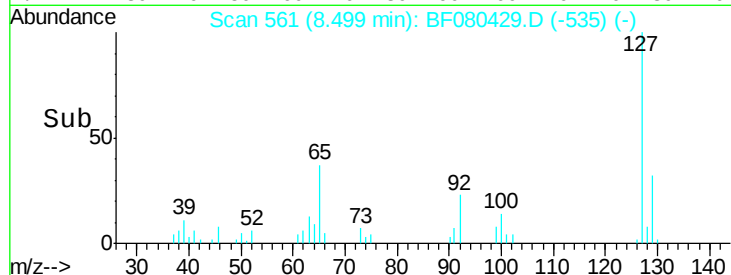
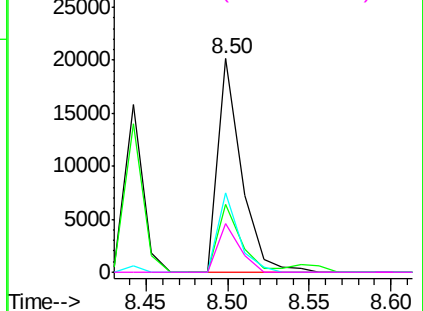
#33
4-Chloroaniline
Concen: 20.48 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:127 Resp: 20170
Ion Ratio Lower Upper
127 100
129 31.6 25.5 38.3
65 37.3 31.8 47.8
92 22.7 18.4 27.6

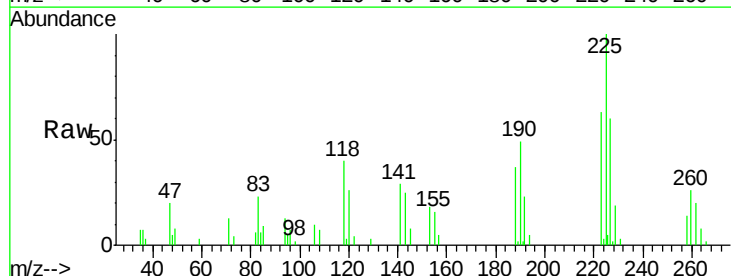


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

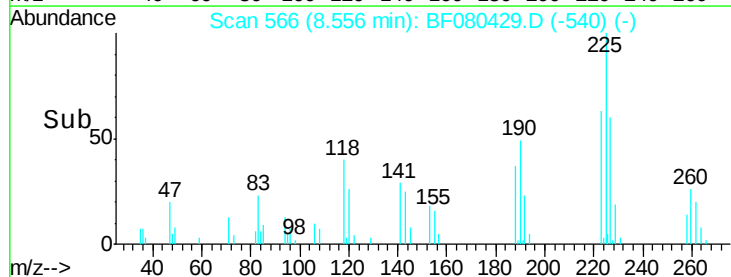
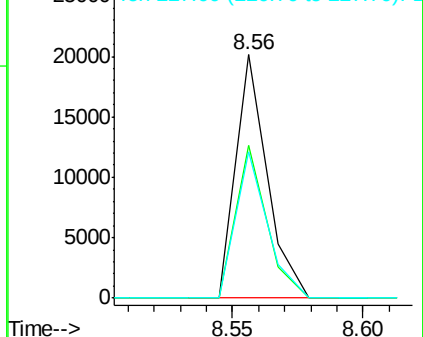


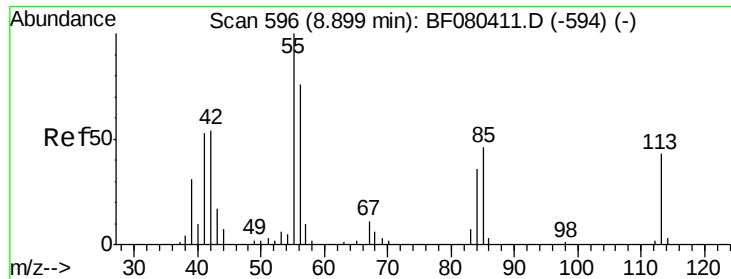
#34
Hexachlorobutadiene
Concen: 30.60 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:225 Resp: 16890
Ion Ratio Lower Upper
225 100
223 62.8 49.5 74.3
227 60.2 48.0 72.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

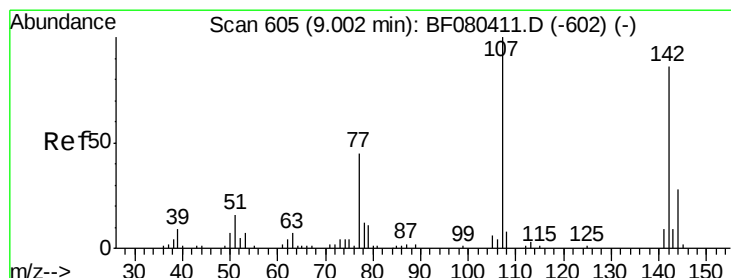
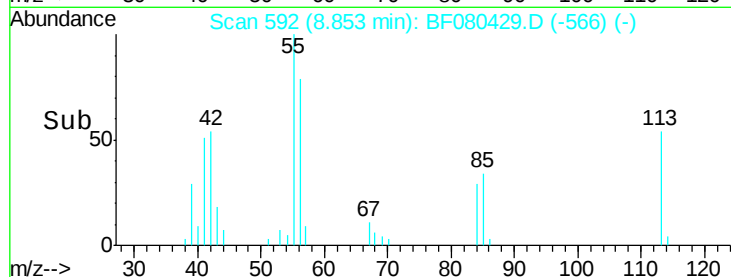
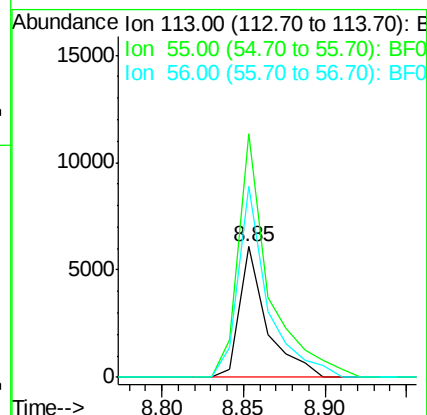
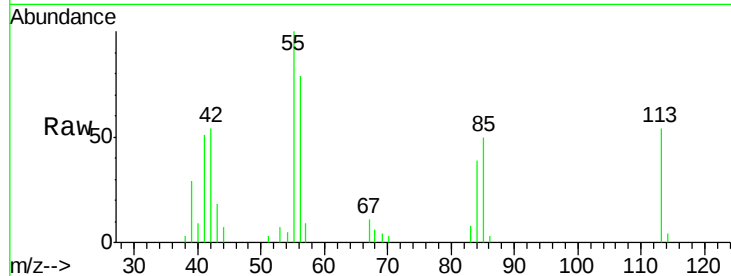




#35
 Caprolactam
 Concen: 34.09 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

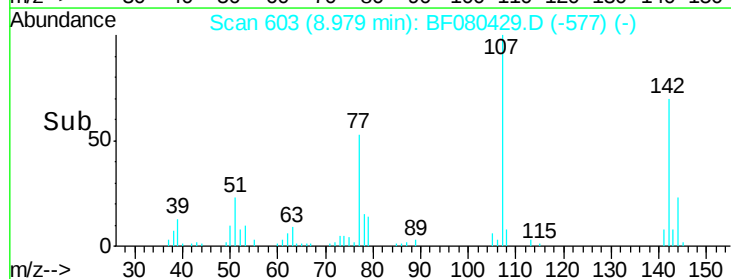
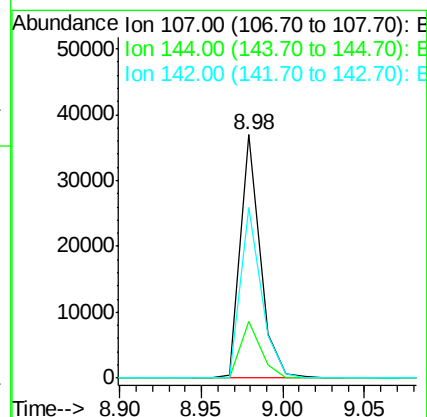
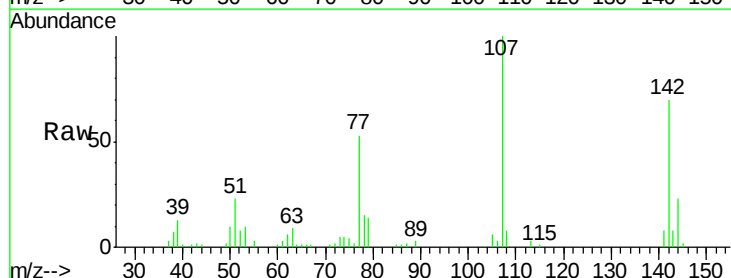
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

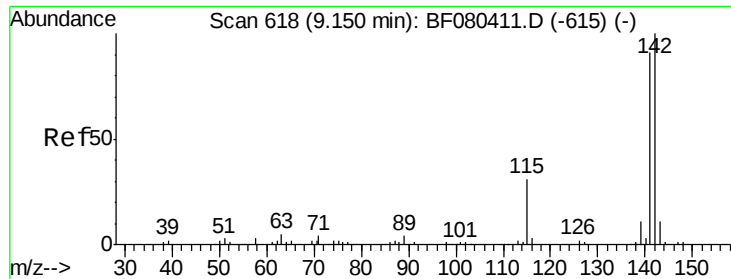
Tgt Ion:113 Resp: 7008
 Ion Ratio Lower Upper
 113 100
 55 186.6 214.2 254.2#
 56 146.7 156.9 196.9#



#36
 4-Chloro-3-methylphenol
 Concen: 40.73 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:107 Resp: 30996
 Ion Ratio Lower Upper
 107 100
 144 23.5 22.6 34.0
 142 69.8 68.7 103.1

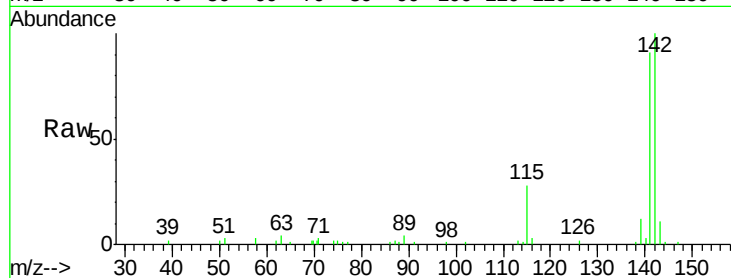




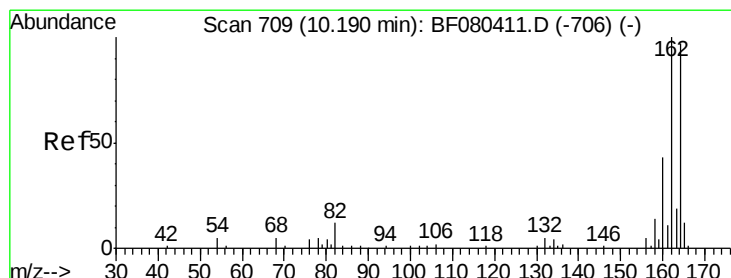
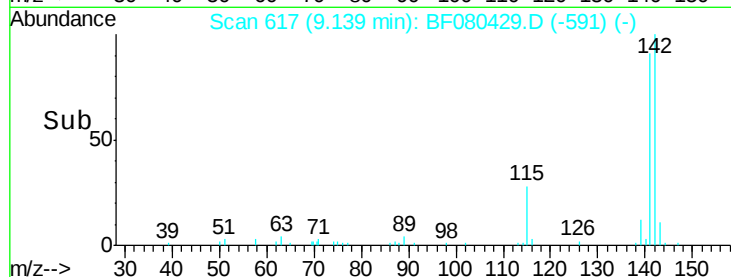
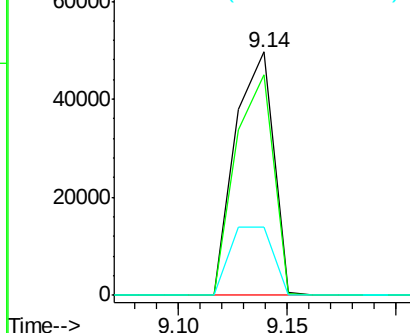
#37
 2-Methylnaphthalene
 Concen: 31.53 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:142 Resp: 60435
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.0 109.4
 115 28.1 25.0 37.4

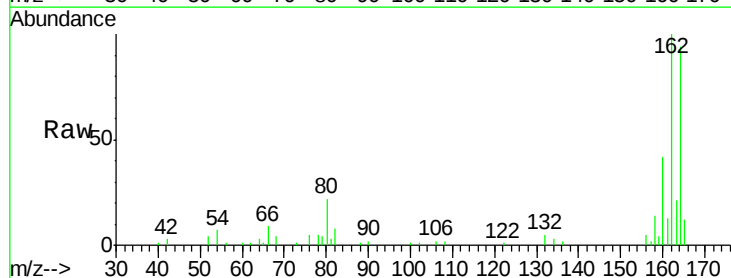


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

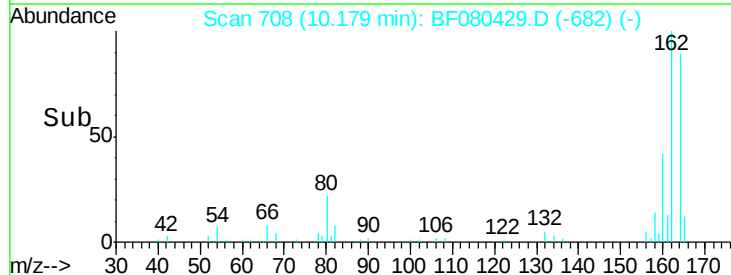
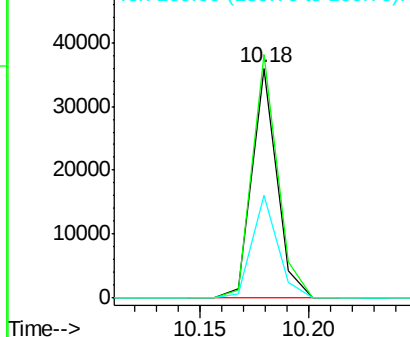


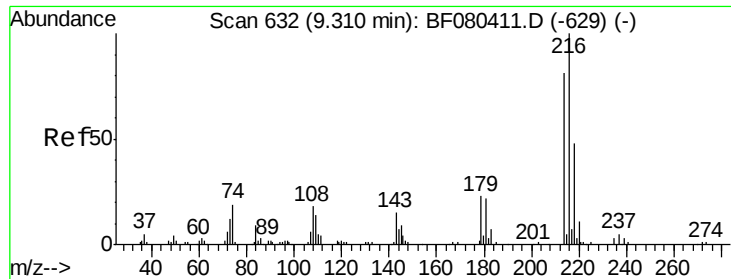
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:164 Resp: 28506
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.7 124.1
 160 44.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.97 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion:216 Resp: 29539

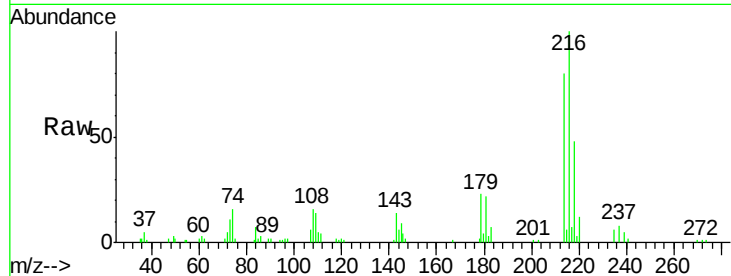
Ion Ratio Lower Upper

216 100

214 79.3 64.6 97.0

179 23.2 17.9 26.9

108 19.9 15.8 23.6

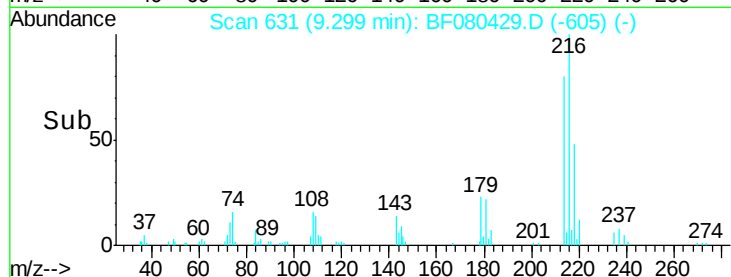


Abundance Ion 216.00 (215.70 to 216.70): E

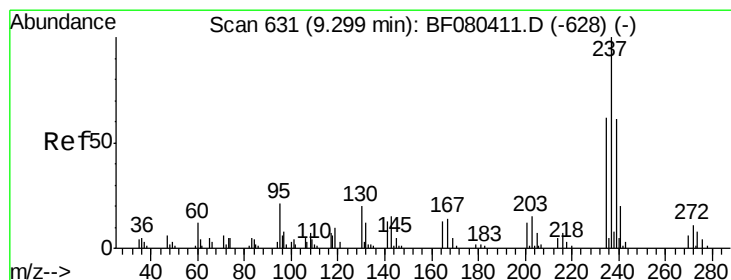
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.00 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

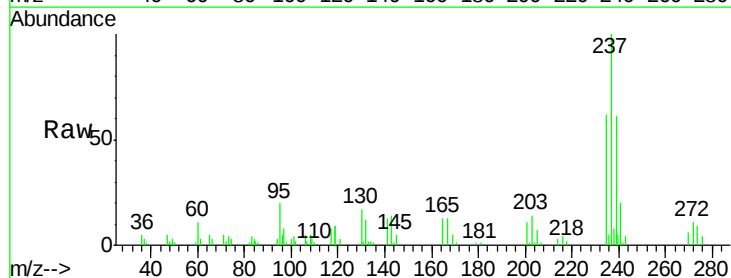
Tgt Ion:237 Resp: 34832

Ion Ratio Lower Upper

237 100

235 62.2 42.4 82.4

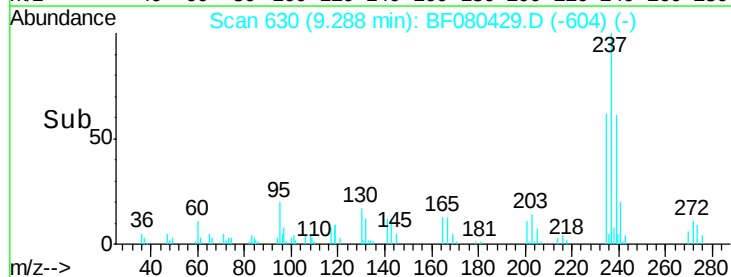
272 11.3 0.0 31.4



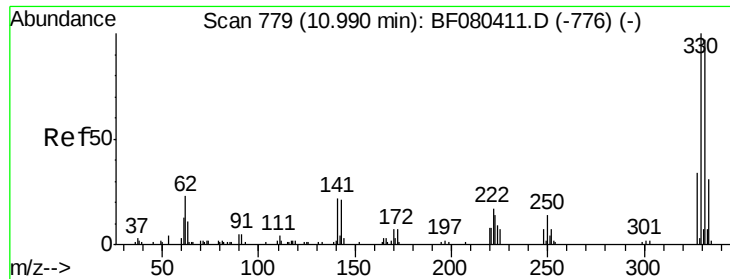
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



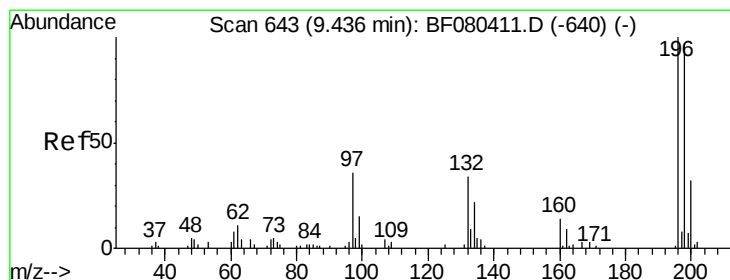
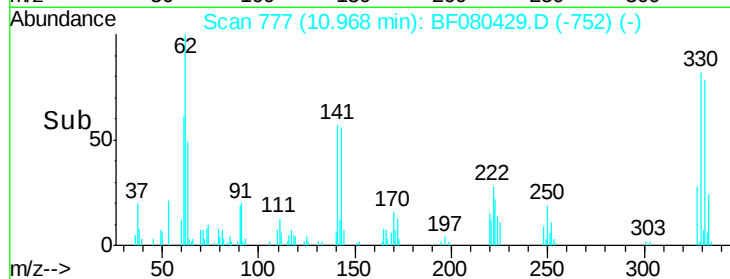
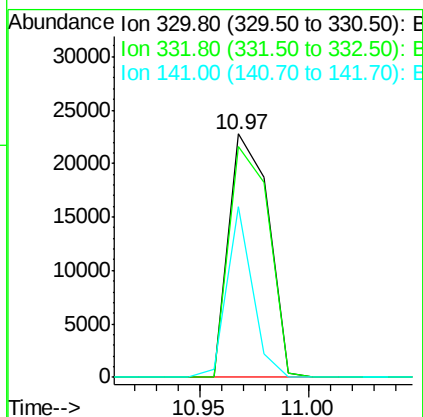
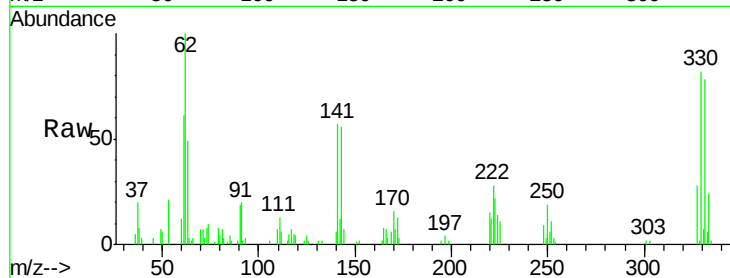
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 103.40 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

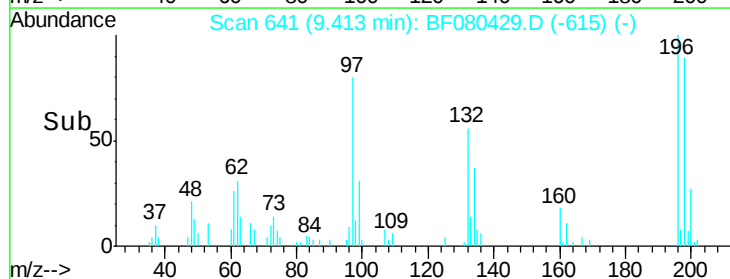
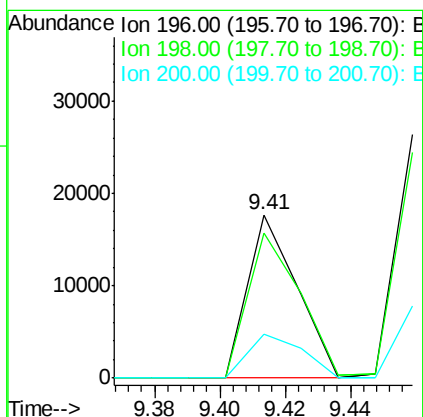
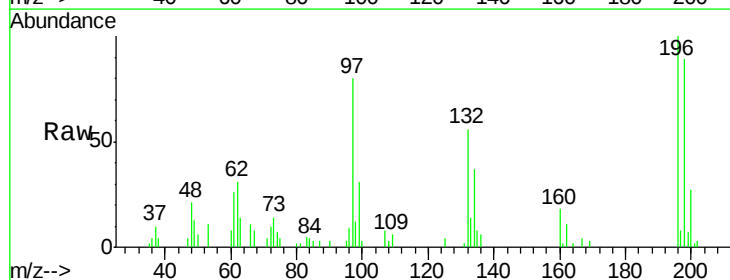
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

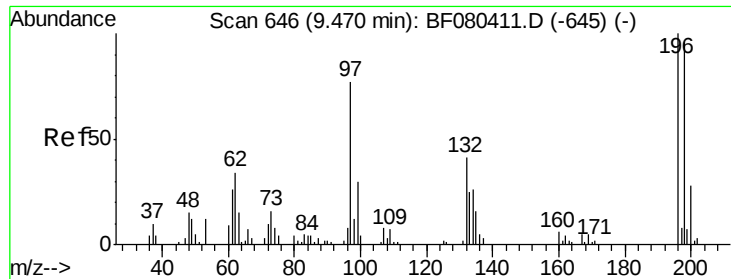
Tgt Ion:330 Resp: 28766
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 45.0 28.6 43.0#



#42
 2,4,6-Trichlorophenol
 Concen: 33.36 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:196 Resp: 18324
 Ion Ratio Lower Upper
 196 100
 198 88.7 77.4 116.2
 200 27.0 25.8 38.6

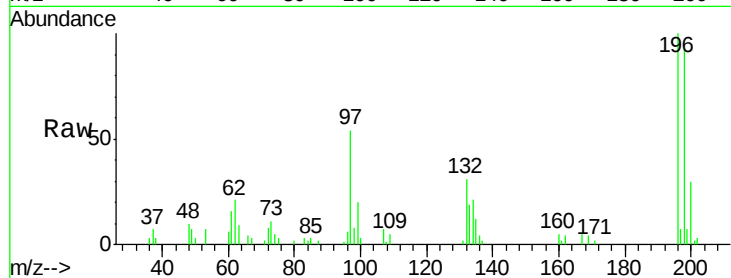




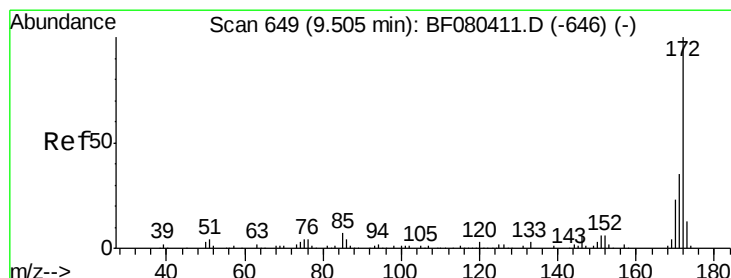
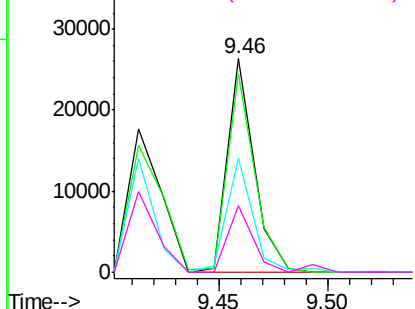
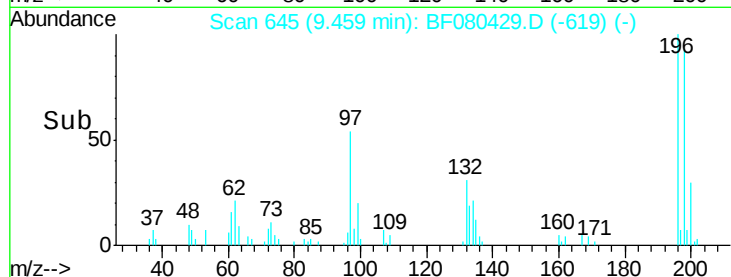
#43
 2,4,5-Trichlorophenol
 Concen: 38.16 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:196 Resp: 22493
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.1 114.1
 97 53.6 62.2 93.2#
 132 31.2 32.5 48.7#

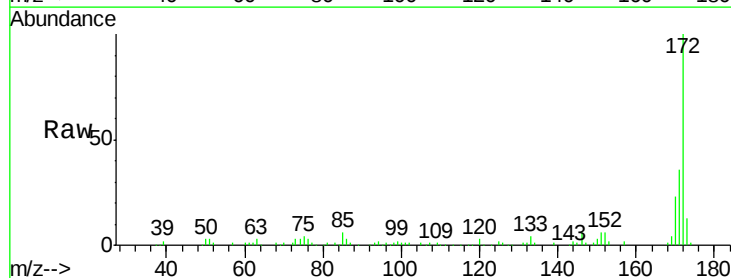


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

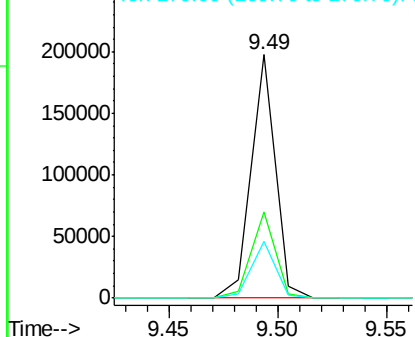
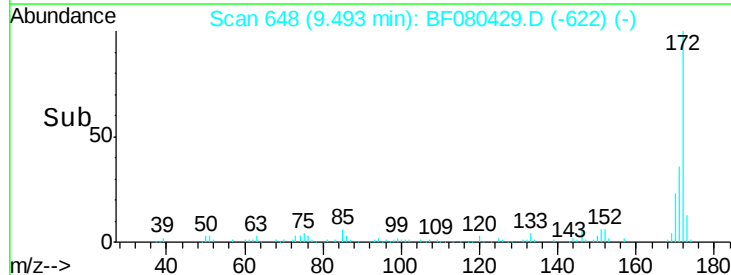


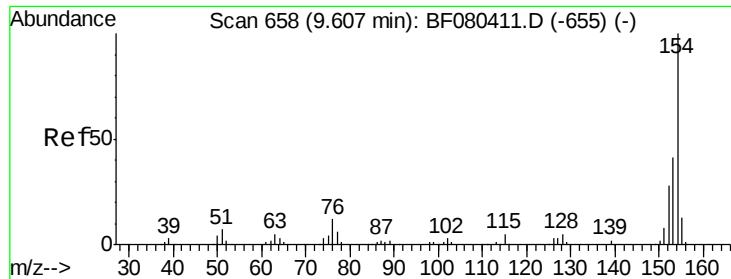
#44
 2-Fluorobiphenyl
 Concen: 72.29 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:172 Resp: 153010
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 23.4 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

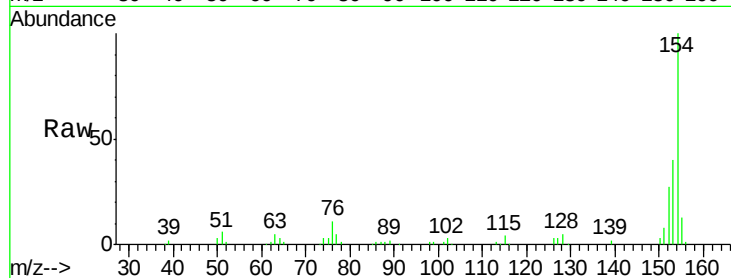




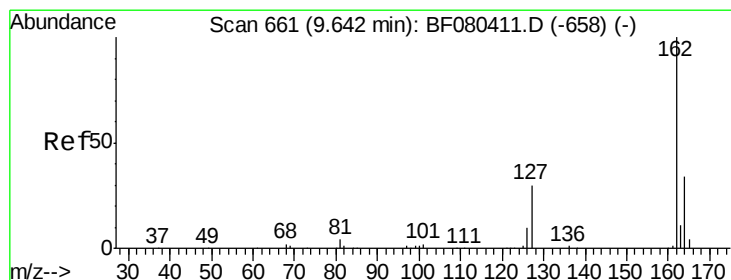
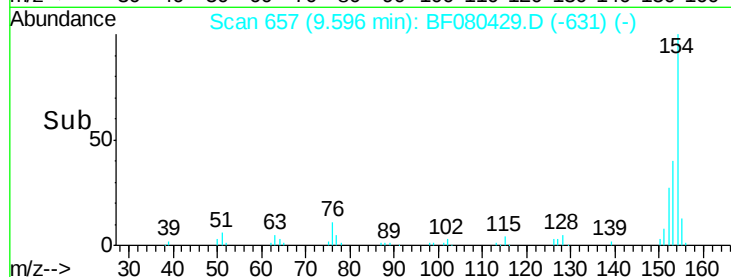
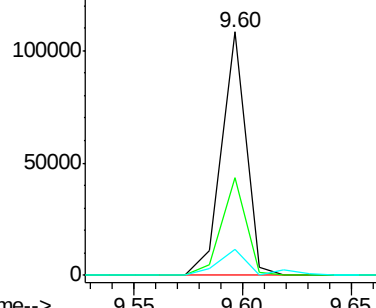
#45
 1,1'-Biphenyl
 Concen: 33.99 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:	154	Resp:	84467
Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.9	0.0	32.4

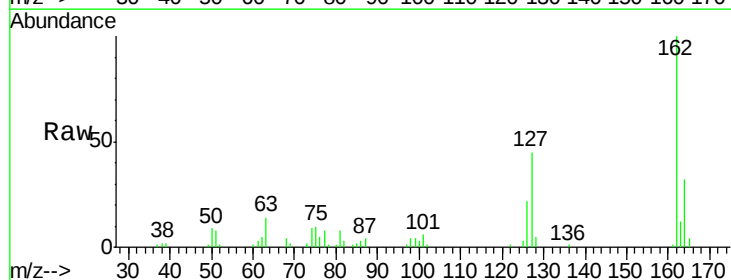


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

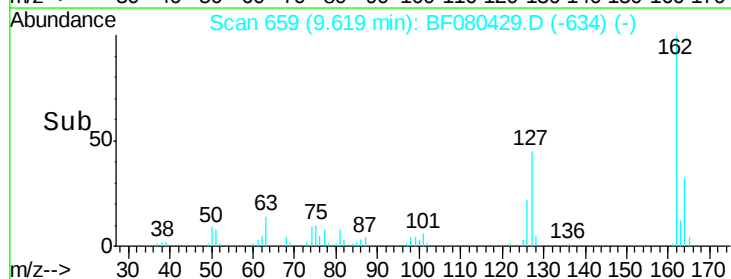
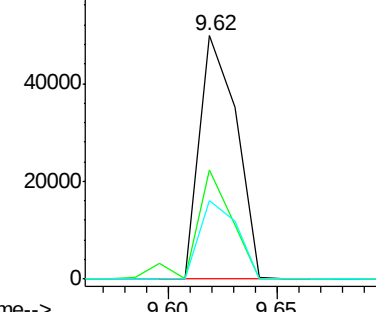


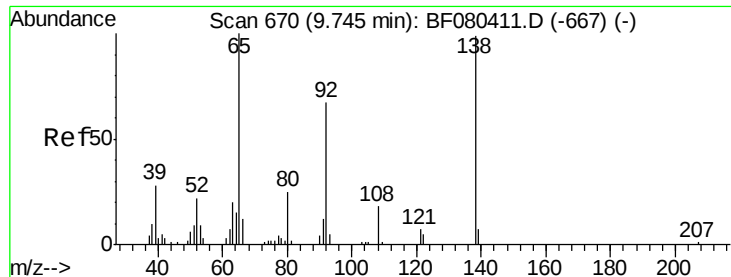
#46
 2-Chloronaphthalene
 Concen: 31.93 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:	162	Resp:	58568
Ion	Ratio	Lower	Upper
162	100		
127	44.6	28.6	42.8#
164	32.3	27.2	40.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.53 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

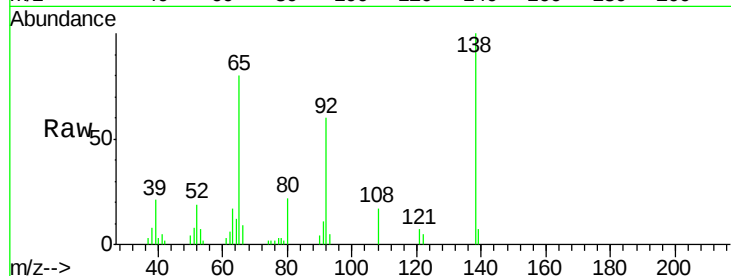
Tgt Ion: 65 Resp: 16681

Ion Ratio Lower Upper

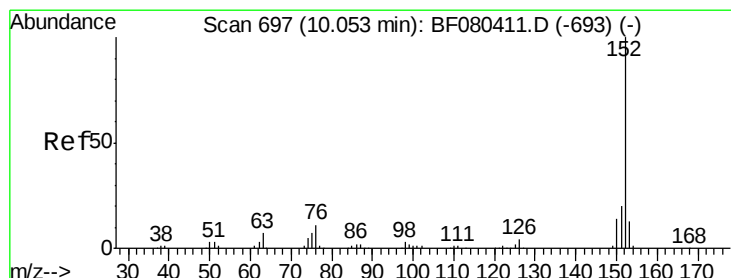
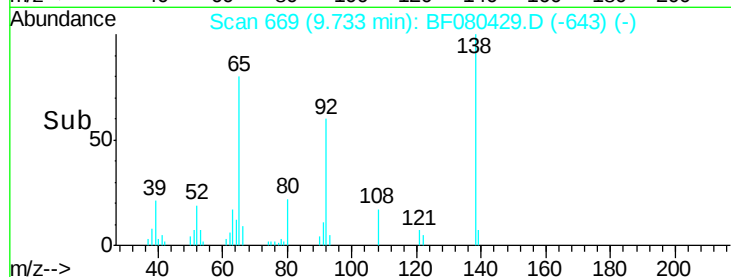
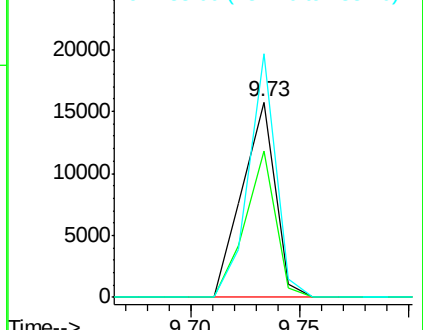
65 100

92 75.2 53.2 79.8

138 124.7 78.9 118.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.68 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

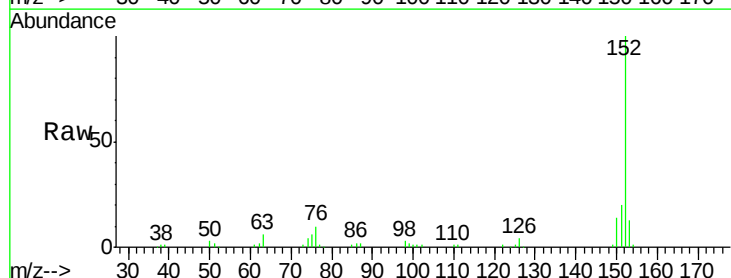
Tgt Ion: 152 Resp: 108785

Ion Ratio Lower Upper

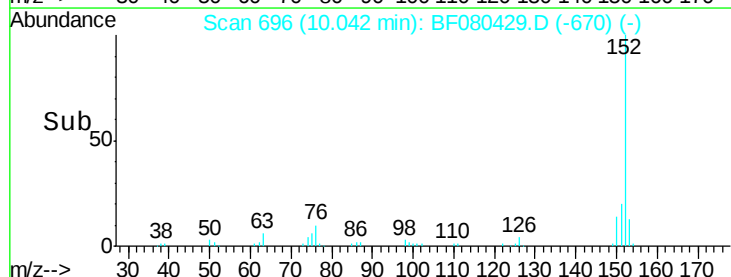
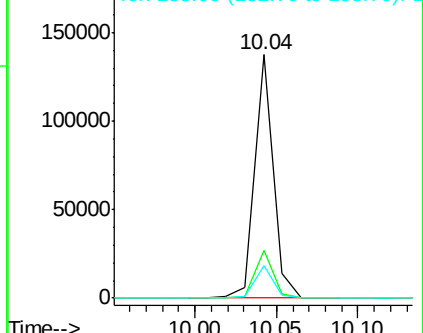
152 100

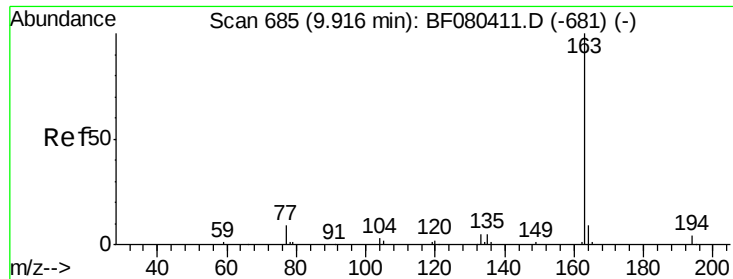
151 19.6 15.8 23.8

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.49 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

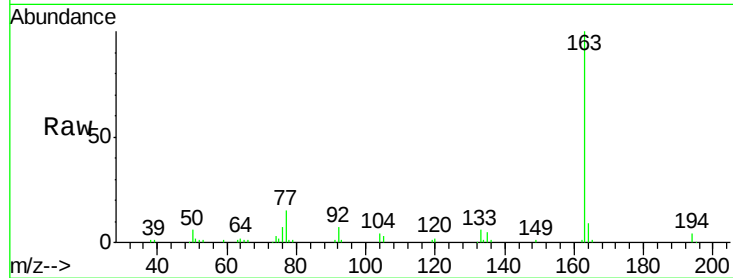
Tgt Ion:163 Resp: 76464

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

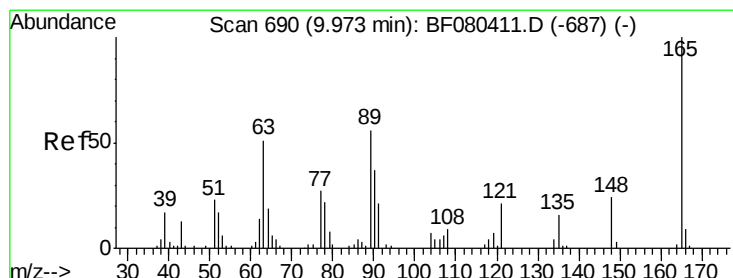
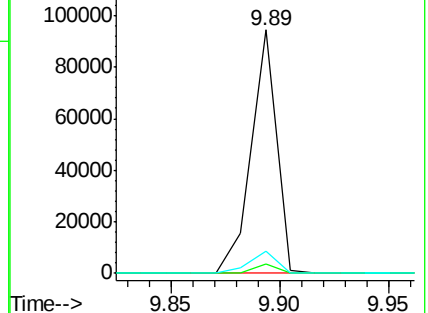
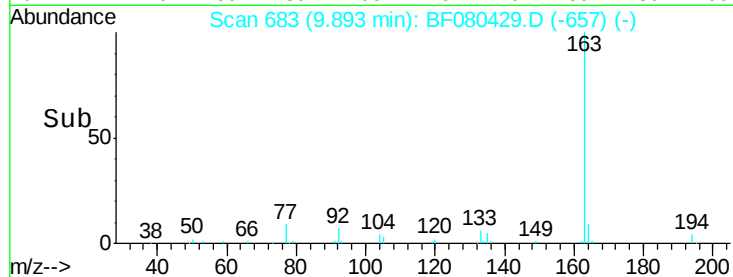
164 9.1 7.4 11.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.02 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

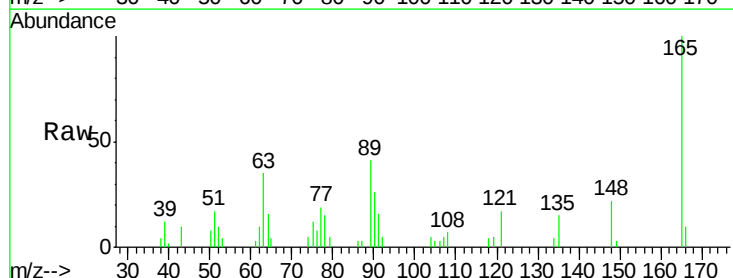
Tgt Ion:165 Resp: 14518

Ion Ratio Lower Upper

165 100

63 34.6 44.5 66.7#

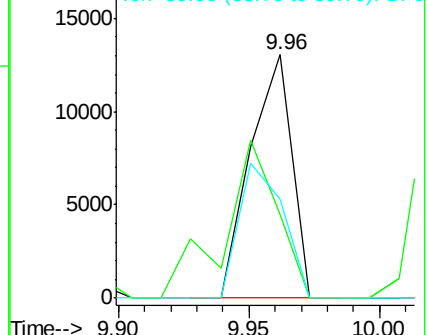
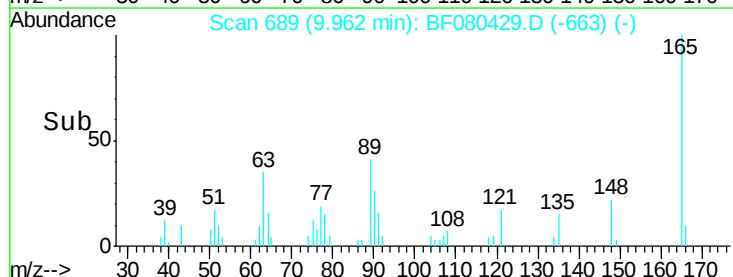
89 40.9 44.5 66.7#

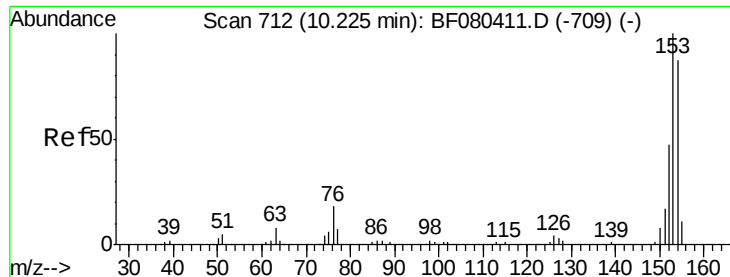


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.35 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

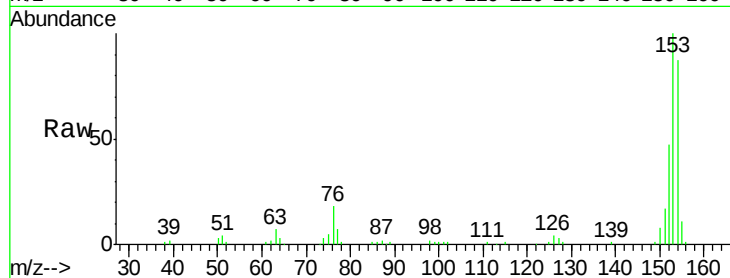
Tgt Ion:154 Resp: 74483

Ion Ratio Lower Upper

154 100

153 114.8 91.7 137.5

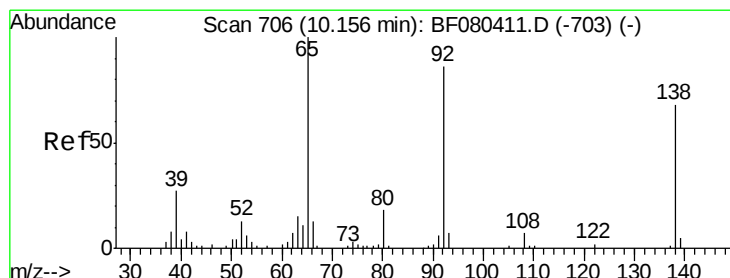
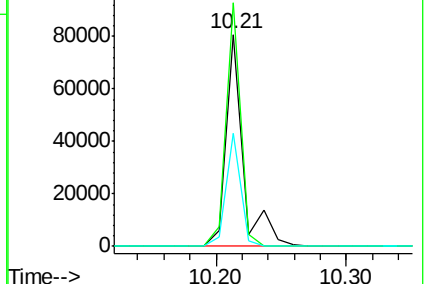
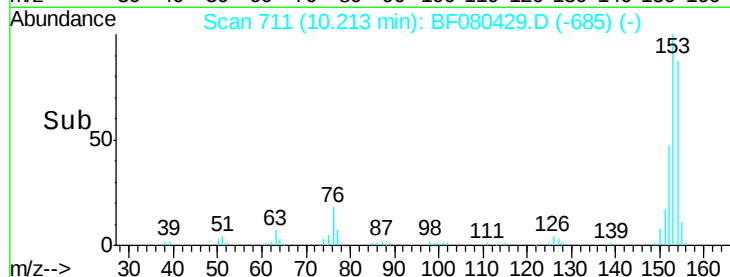
152 53.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.35 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

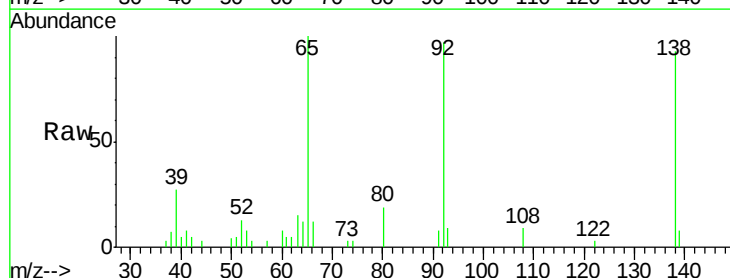
Tgt Ion:138 Resp: 11025

Ion Ratio Lower Upper

138 100

108 9.4 8.4 12.6

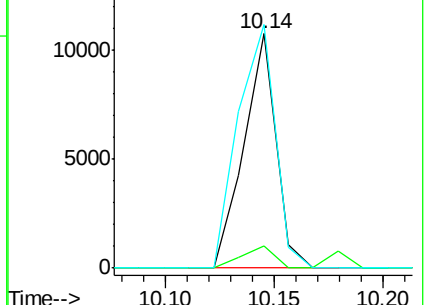
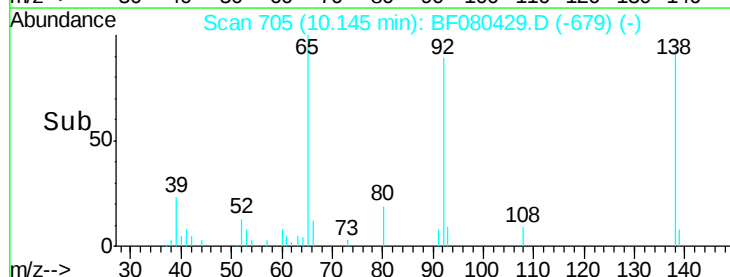
92 103.9 101.0 151.4

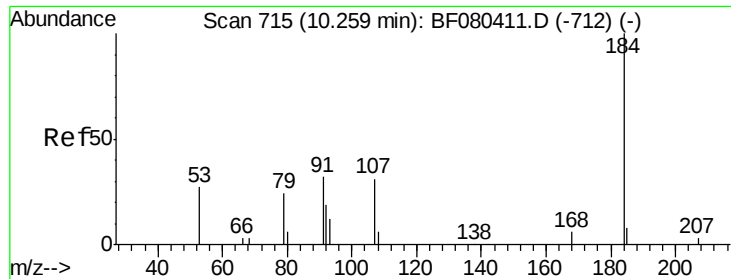


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

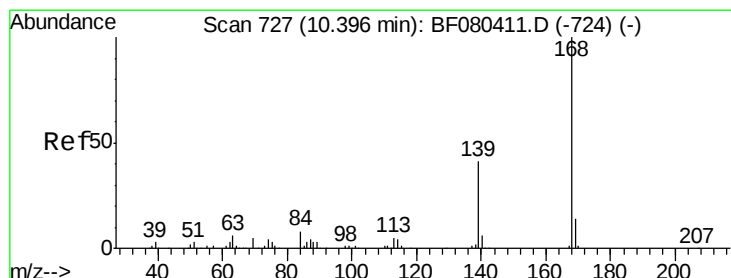
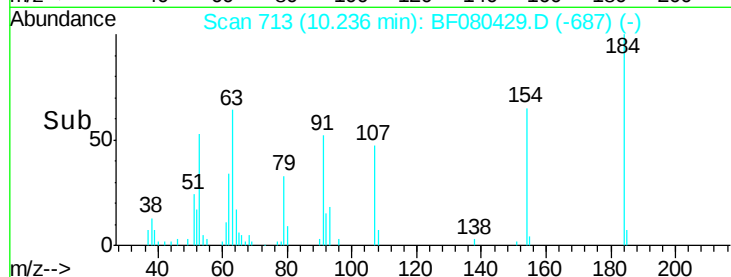
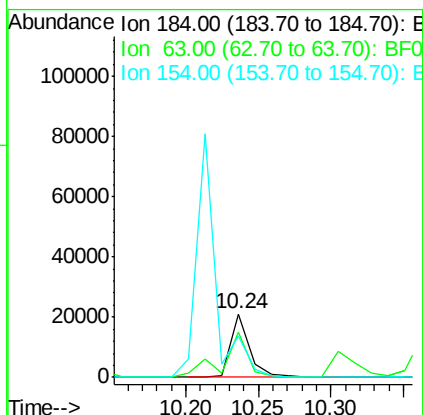
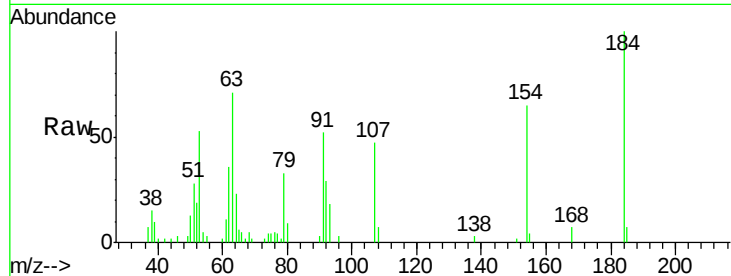




#53
2,4-Dinitrophenol
Concen: 84.25 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

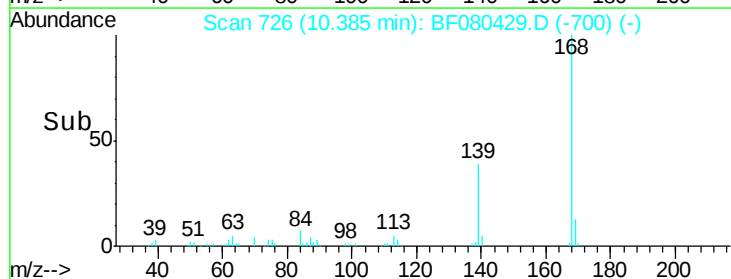
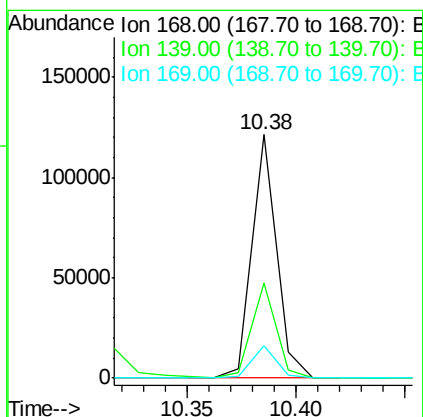
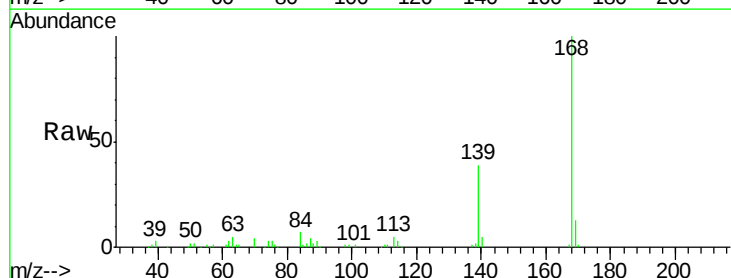
Instrument :
BNA_F
ClientSampleId :
PB84447BS

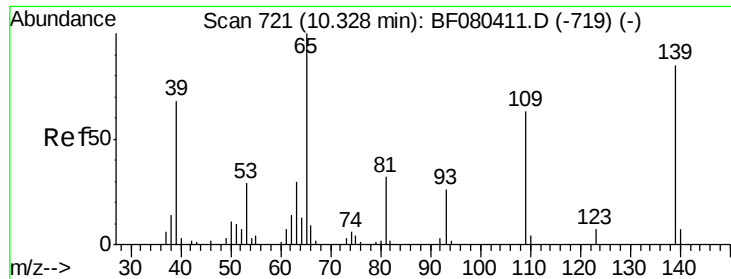
Tgt Ion:184 Resp: 19114
Ion Ratio Lower Upper
184 100
63 71.5 30.8 46.2#
154 64.8 46.8 70.2



#54
Dibenzofuran
Concen: 36.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:168 Resp: 95568
Ion Ratio Lower Upper
168 100
139 38.9 33.4 50.2
169 13.1 11.1 16.7

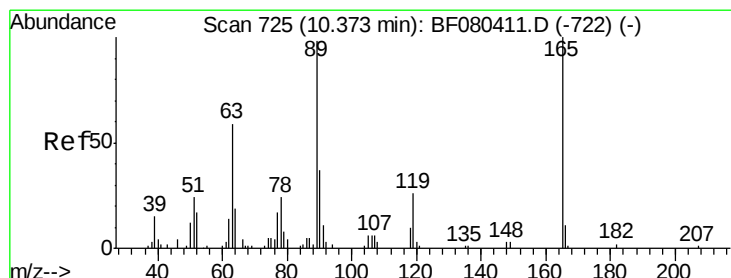
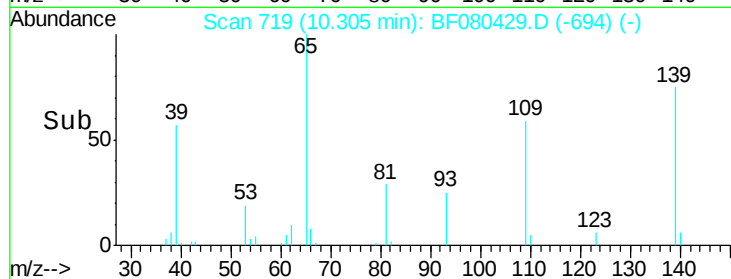
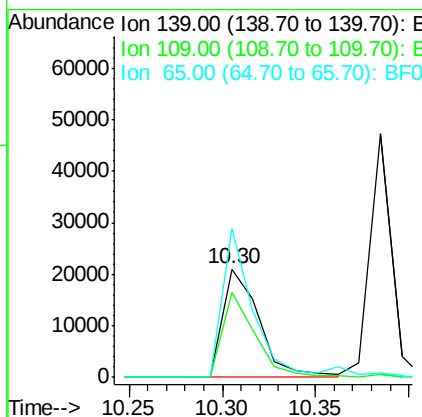
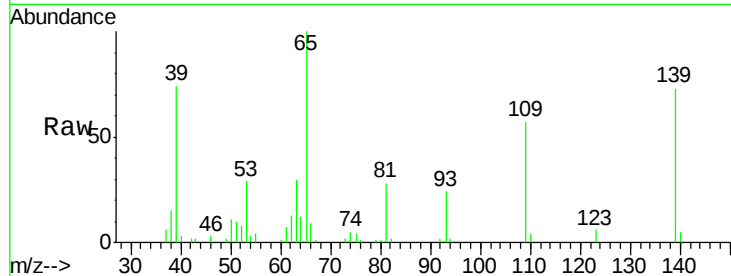




#55
4-Nitrophenol
Concen: 75.45 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

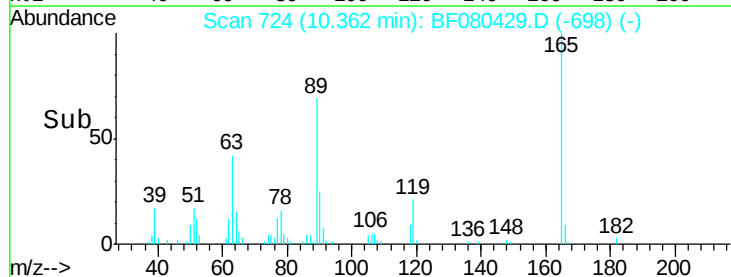
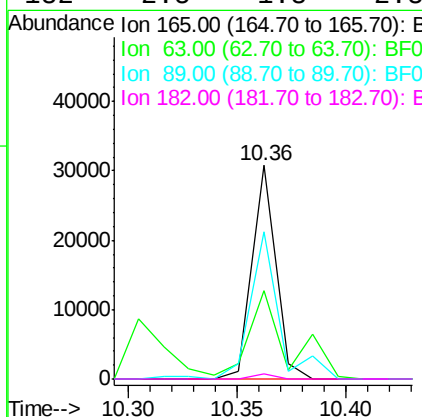
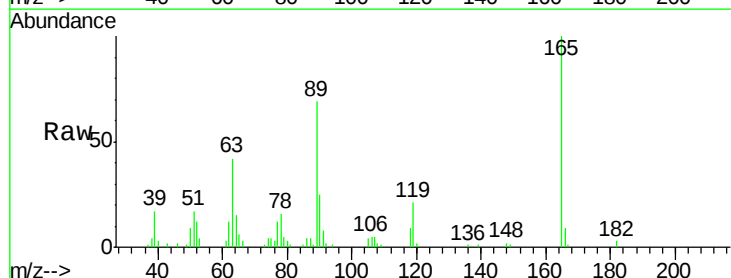
Instrument :
BNA_F
ClientSampleId :
PB84447BS

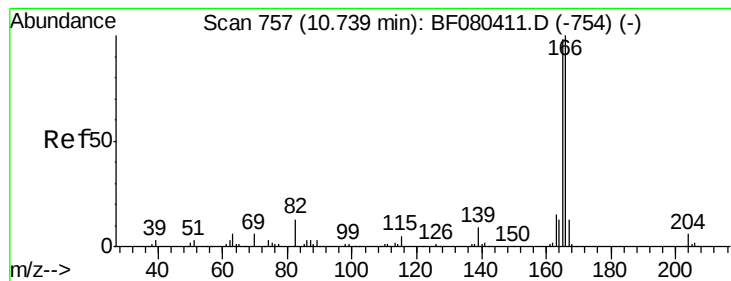
Tgt Ion:139 Resp: 28737
Ion Ratio Lower Upper
139 100
109 78.7 54.6 94.6
65 137.0 97.8 137.8



#56
2,4-Dinitrotoluene
Concen: 41.47 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:165 Resp: 23451
Ion Ratio Lower Upper
165 100
63 41.6 51.7 77.5#
89 69.1 78.6 117.8#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 35.69 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

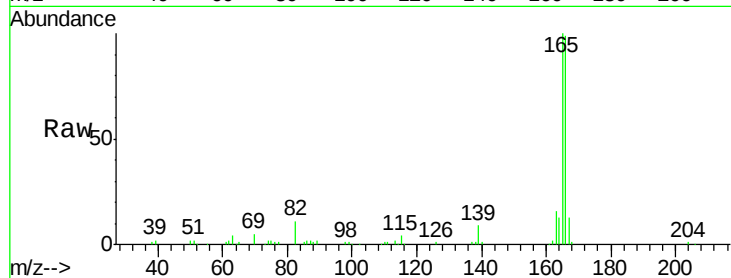
Tgt Ion:166 Resp: 79400

Ion Ratio Lower Upper

166 100

165 100.7 78.3 117.5

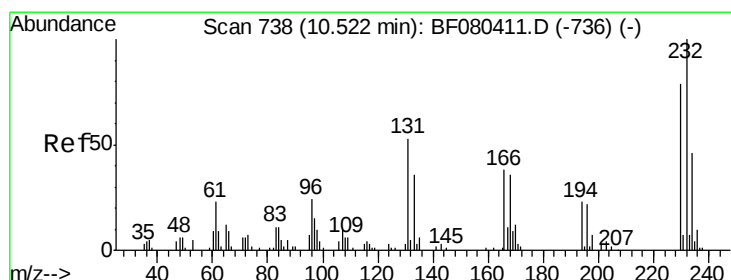
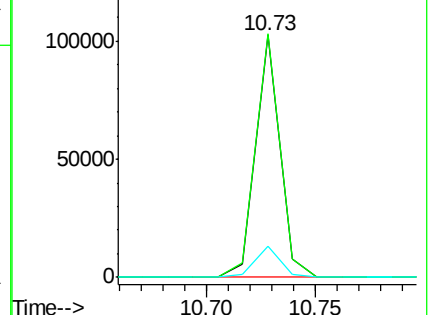
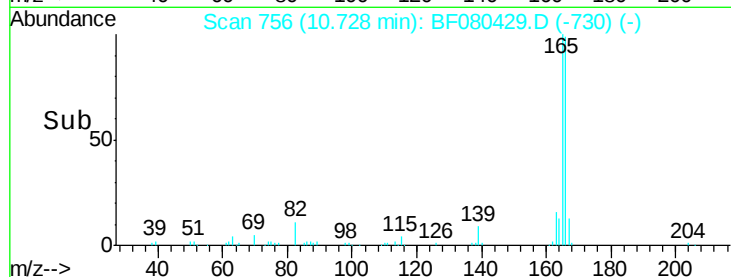
167 12.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.50 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Tgt Ion:232 Resp: 18880

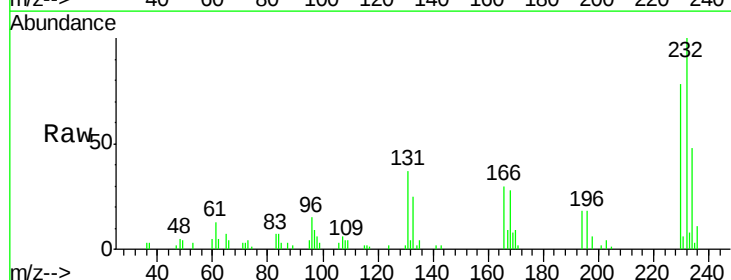
Ion Ratio Lower Upper

232 100

131 44.4 33.0 49.4

130 1.4 1.8 2.8#

166 32.9 20.0 30.0#

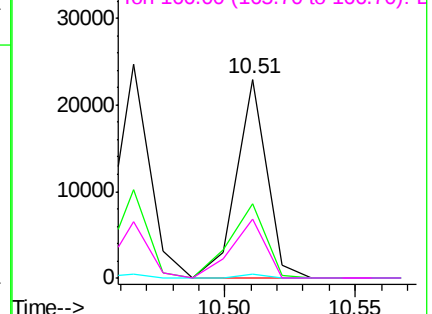
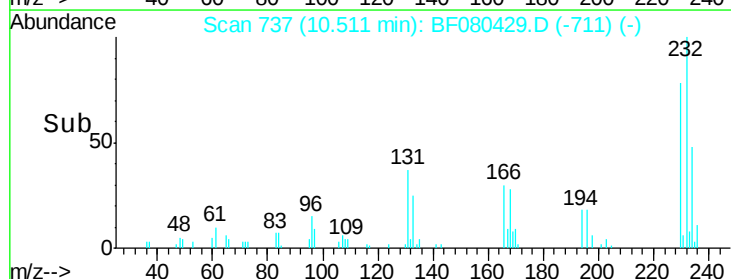


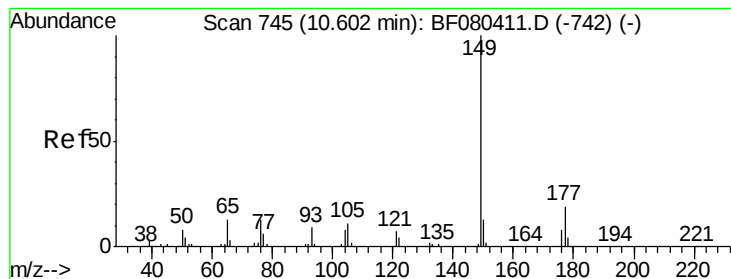
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.32 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

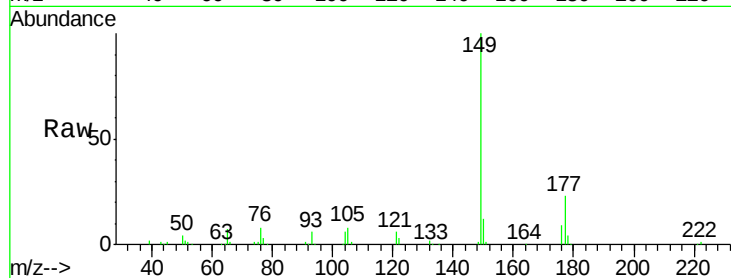
Tgt Ion:149 Resp: 76622

Ion Ratio Lower Upper

149 100

177 22.8 15.4 23.2

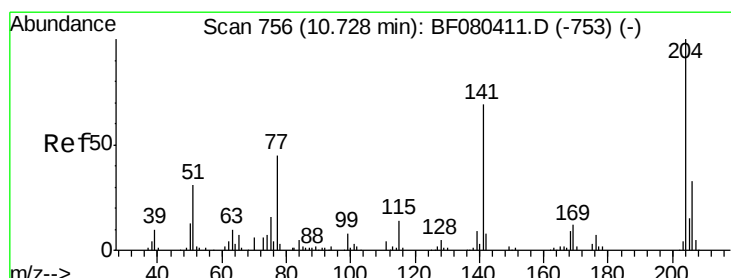
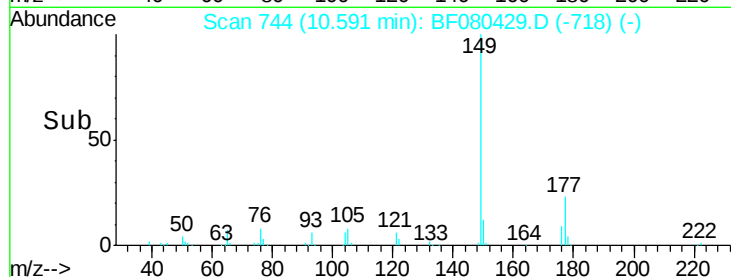
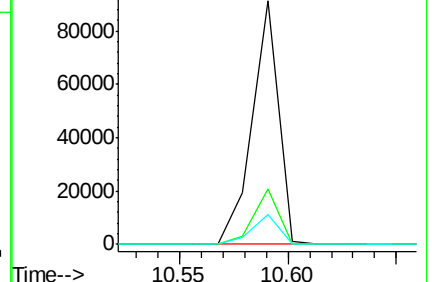
150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.16 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

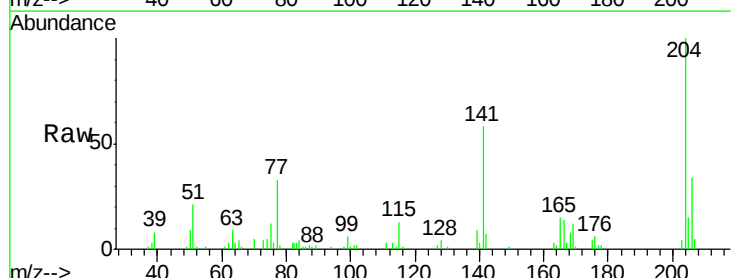
Tgt Ion:204 Resp: 34468

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

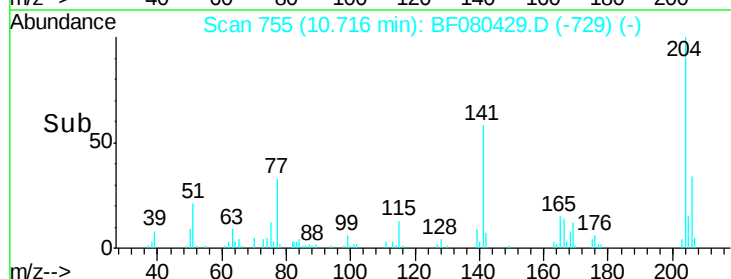
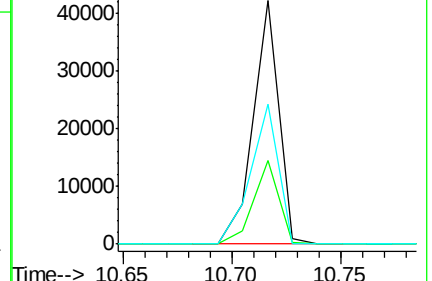
141 57.5 55.1 82.7

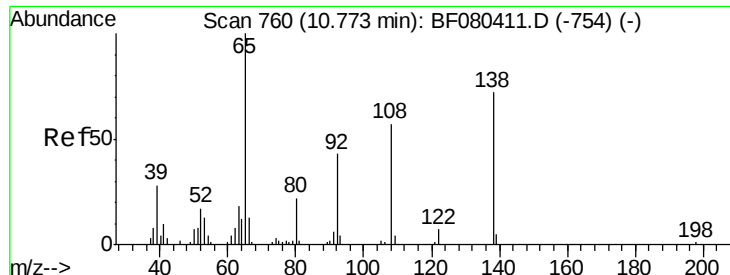


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.08 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

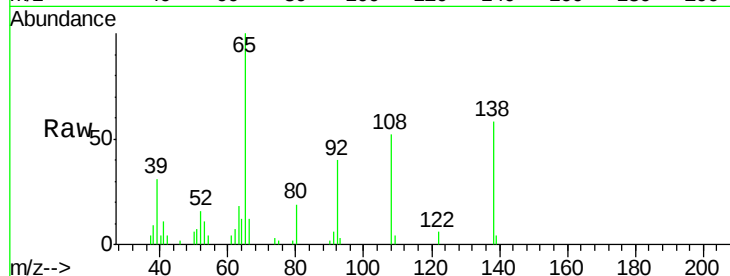
Tgt Ion:138 Resp: 14947

Ion Ratio Lower Upper

138 100

92 69.0 39.0 79.0

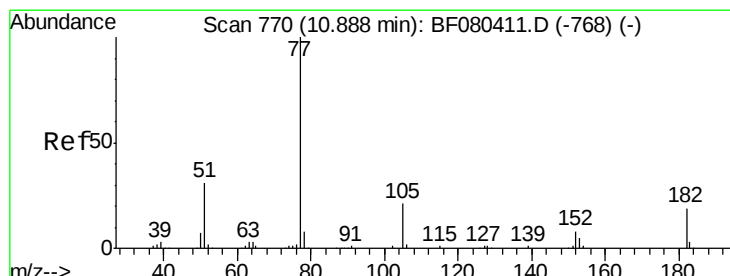
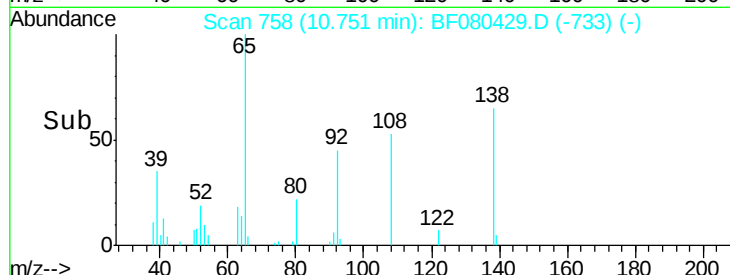
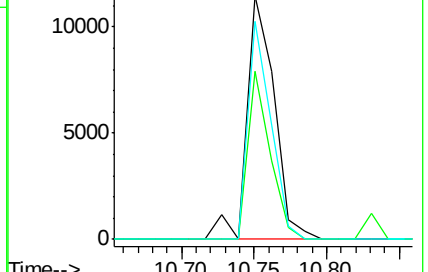
108 89.6 59.4 99.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.72 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Tgt Ion: 77 Resp: 79063

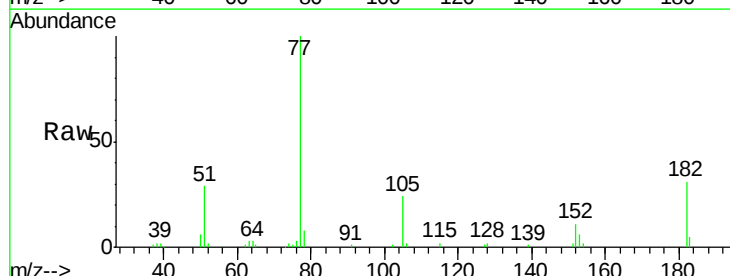
Ion Ratio Lower Upper

77 100

182 30.5 0.0 39.4

105 23.6 0.6 40.6

51 28.6 11.5 51.5

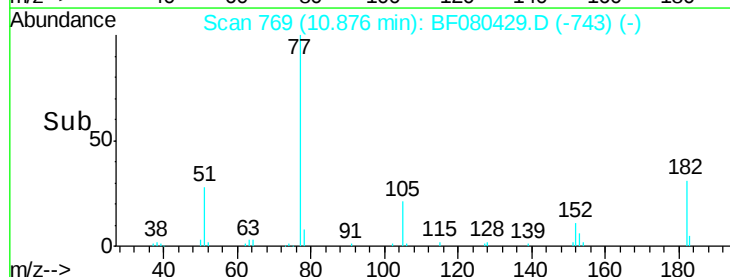
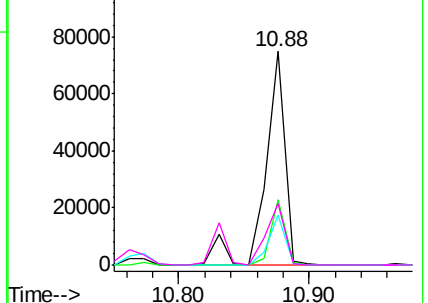


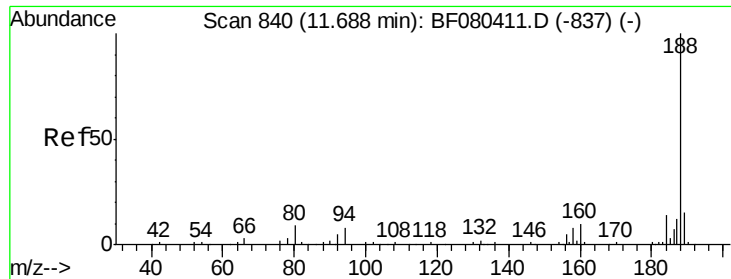
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

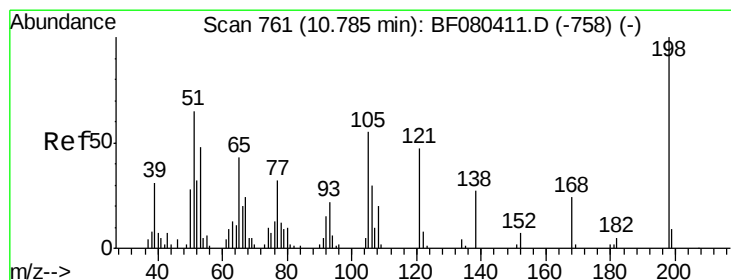
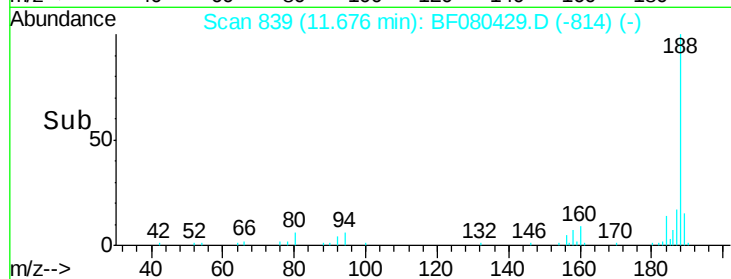
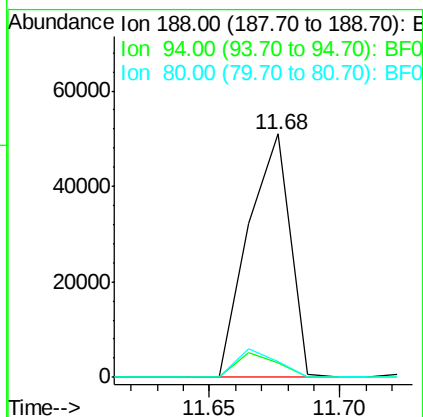
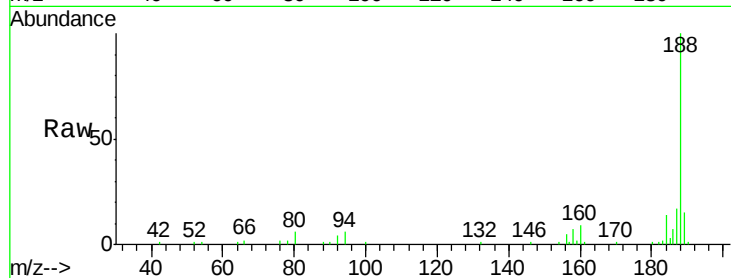




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

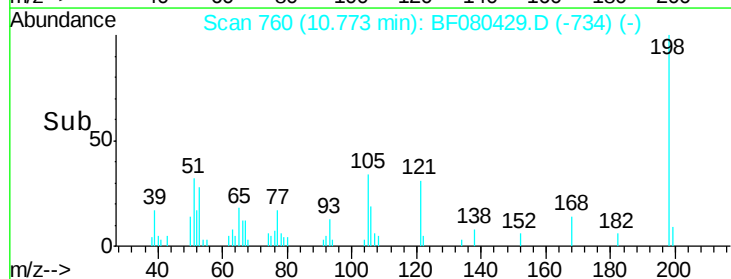
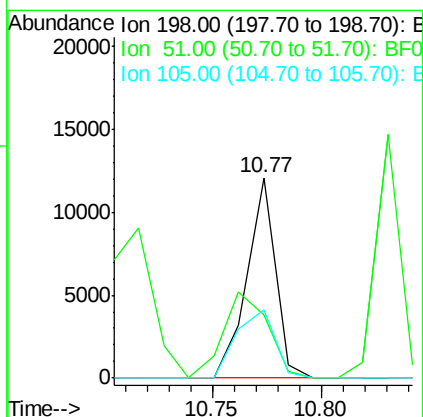
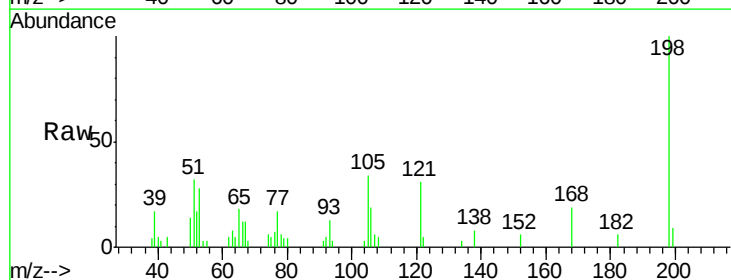
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

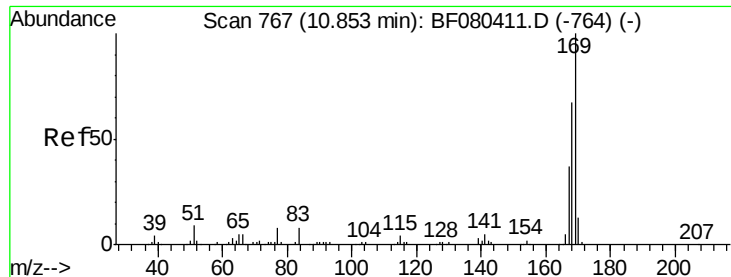
Tgt Ion:188 Resp: 57564
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.7 10.1#
 80 6.4 7.5 11.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.37 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:198 Resp: 11029
 Ion Ratio Lower Upper
 198 100
 51 31.6 47.2 87.2#
 105 34.4 34.7 74.7#





#65

n-Nitrosodiphenylamine

Concen: 36.90 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

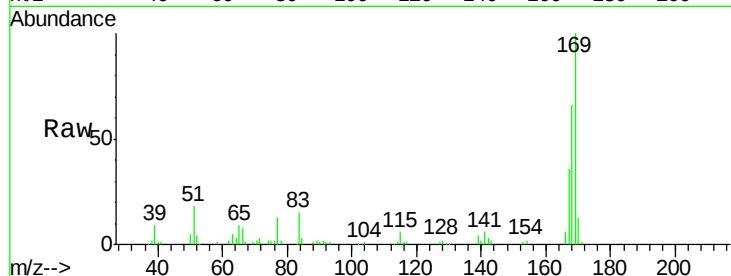
Tgt Ion:169 Resp: 66214

Ion Ratio Lower Upper

169 100

168 65.6 53.5 80.3

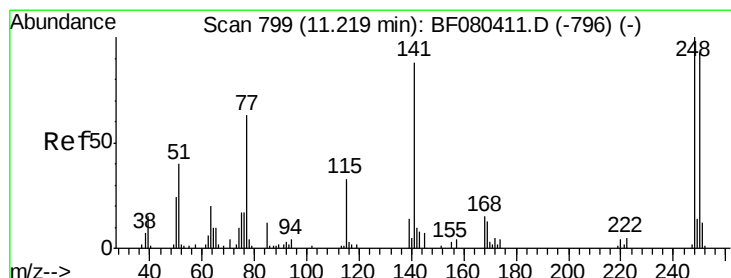
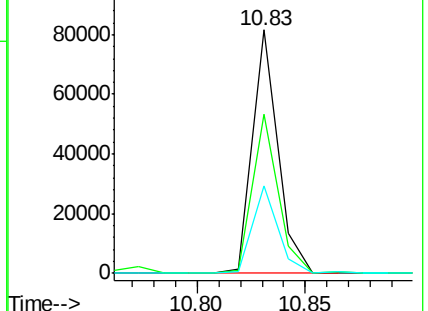
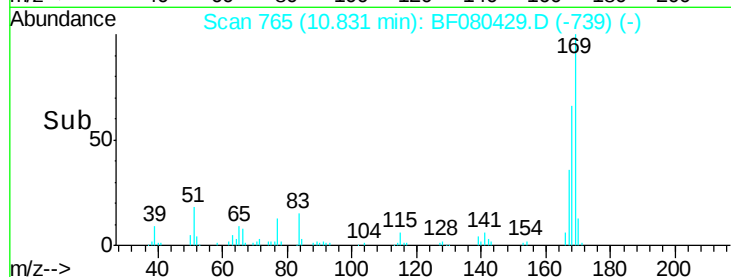
167 36.0 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.26 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

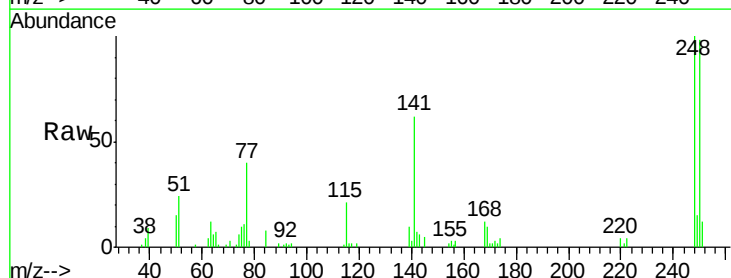
Tgt Ion:248 Resp: 21019

Ion Ratio Lower Upper

248 100

250 98.1 74.2 111.4

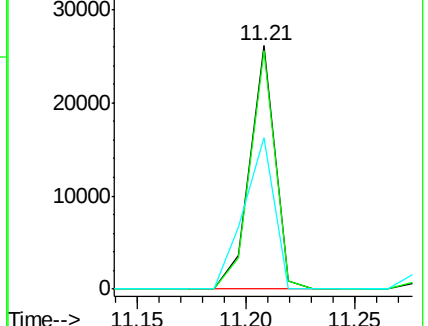
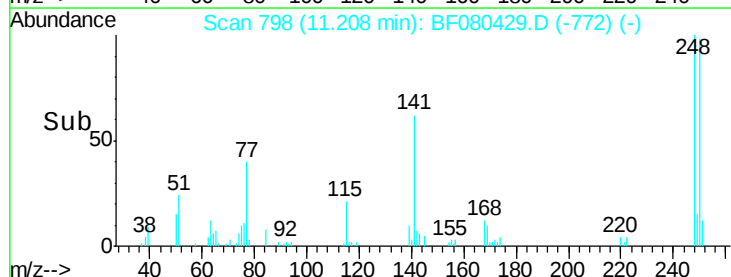
141 62.2 70.7 106.1#

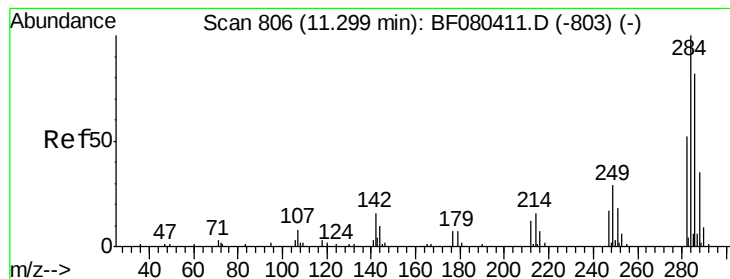


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.61 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

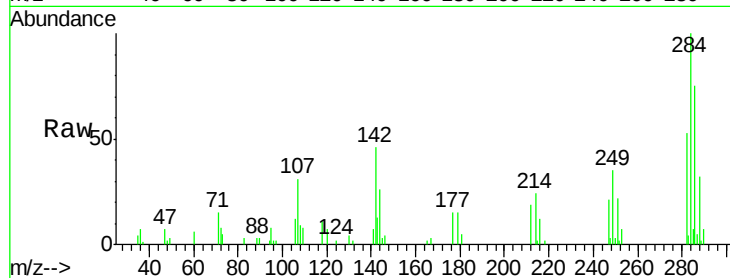
Tgt Ion:284 Resp: 21934

Ion Ratio Lower Upper

284 100

142 46.3 12.9 19.3#

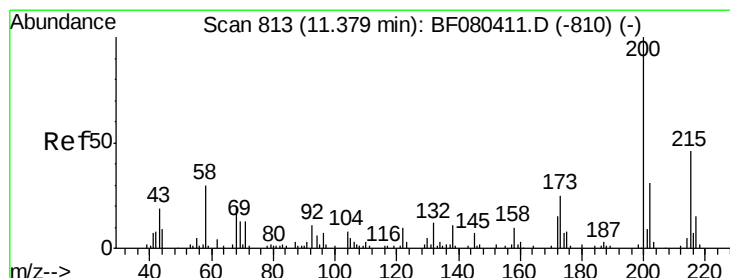
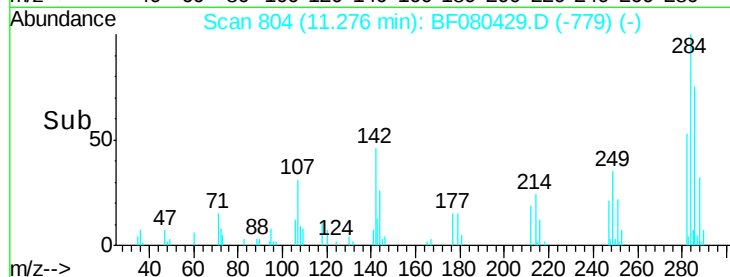
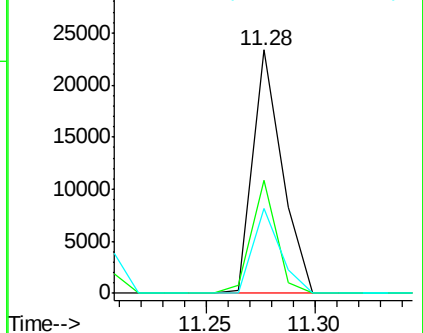
249 34.6 23.5 35.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.45 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

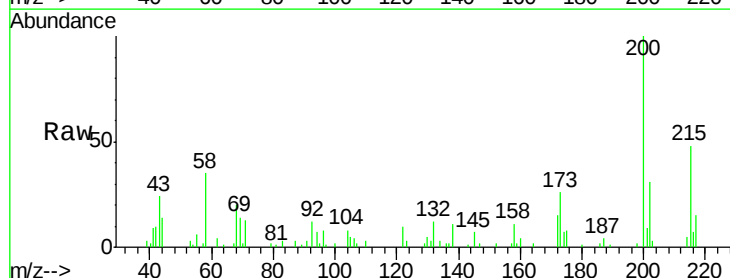
Tgt Ion:200 Resp: 22011

Ion Ratio Lower Upper

200 100

173 26.1 5.5 45.5

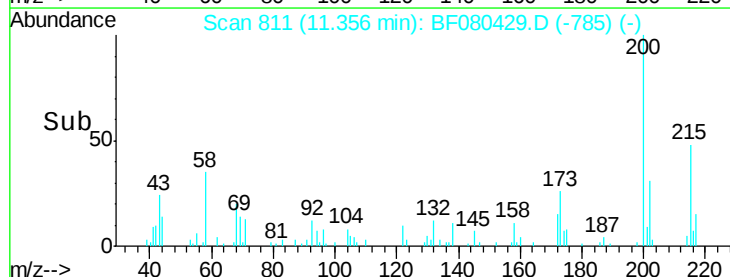
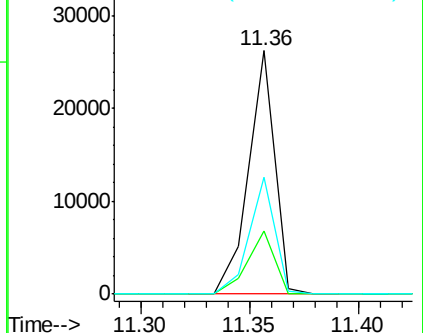
215 48.1 25.8 65.8

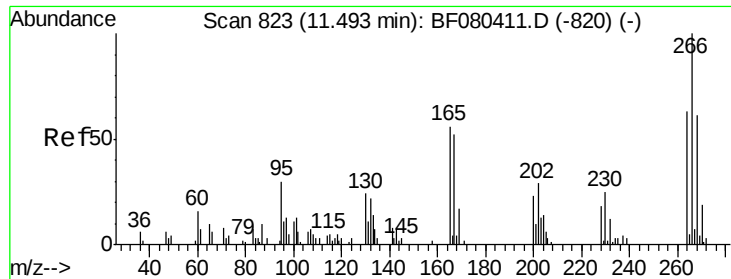


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

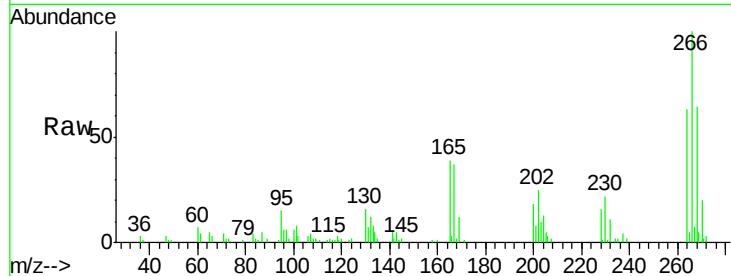




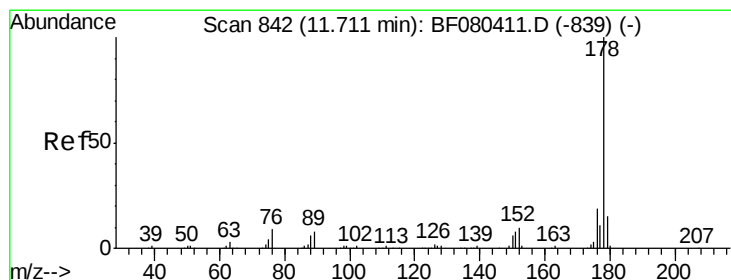
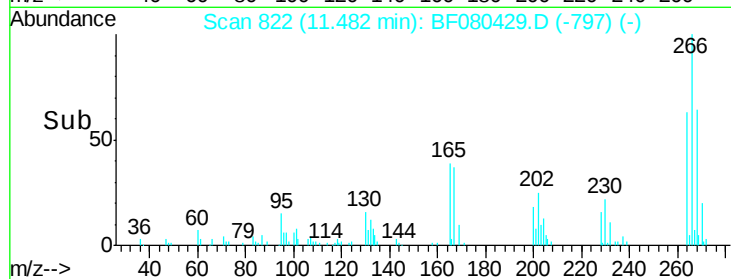
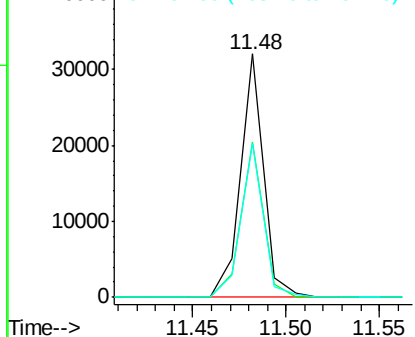
#69
 Pentachlorophenol
 Concen: 78.29 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:266 Resp: 27540
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.5 72.7
 264 63.1 50.2 75.2

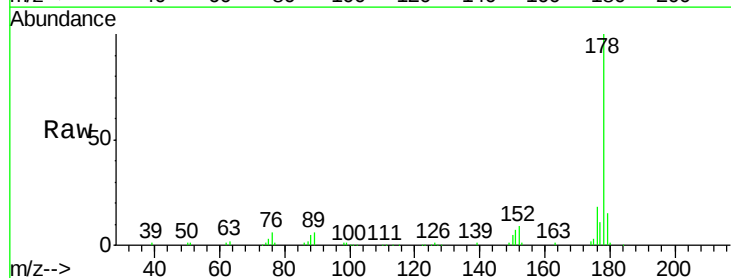


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

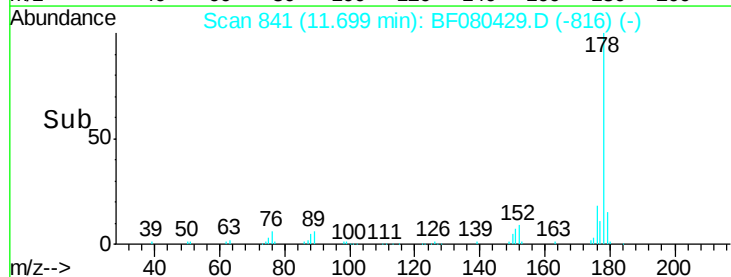
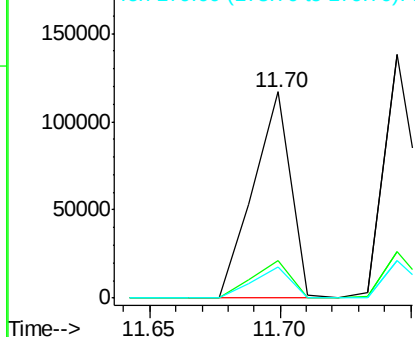


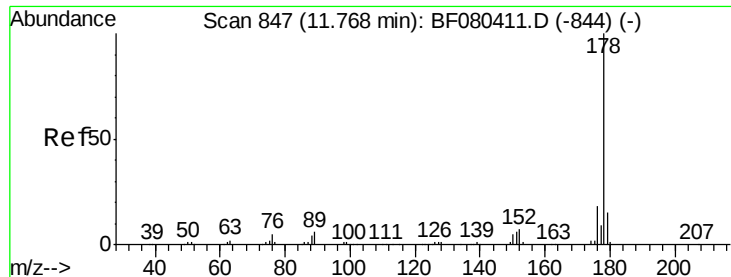
#70
 Phenanthrene
 Concen: 34.06 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:178 Resp: 117781
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.2 22.8
 179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

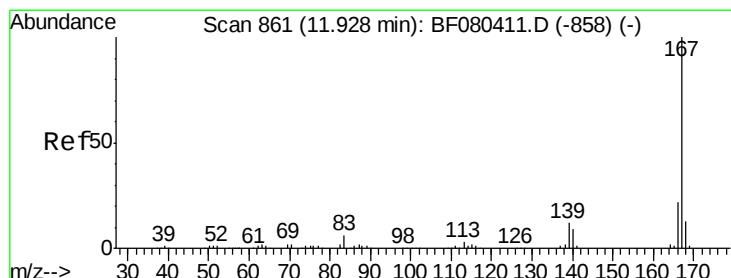
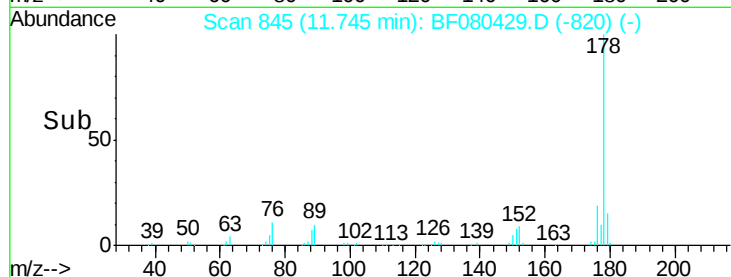
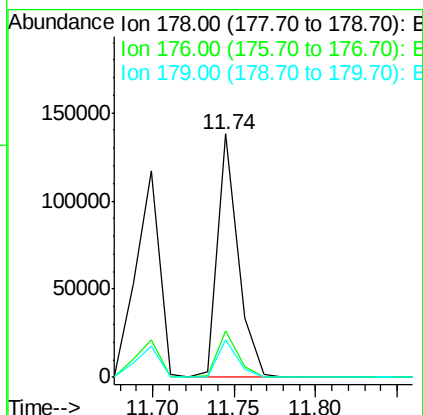
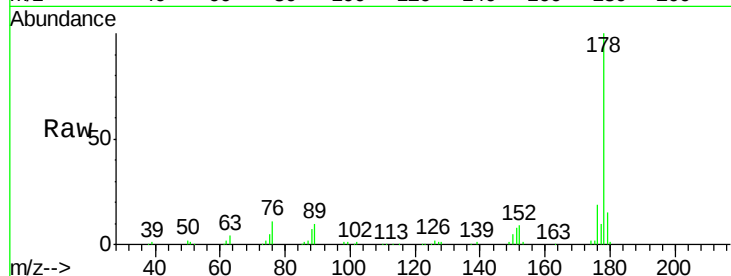




#71
 Anthracene
 Concen: 37.89 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

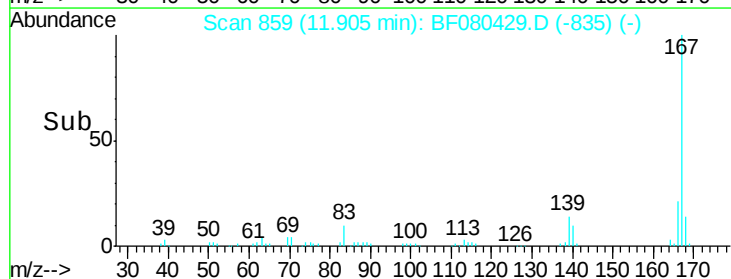
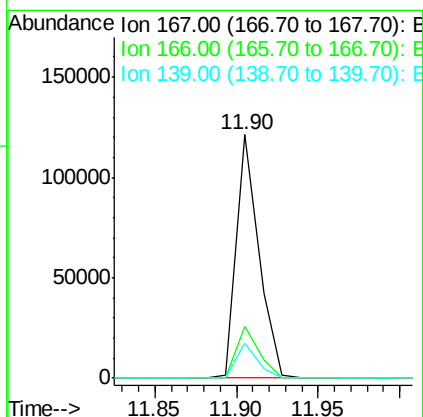
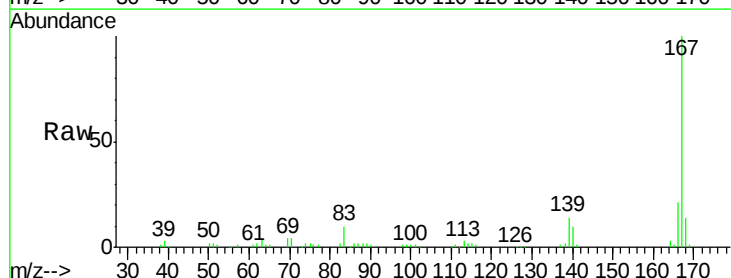
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

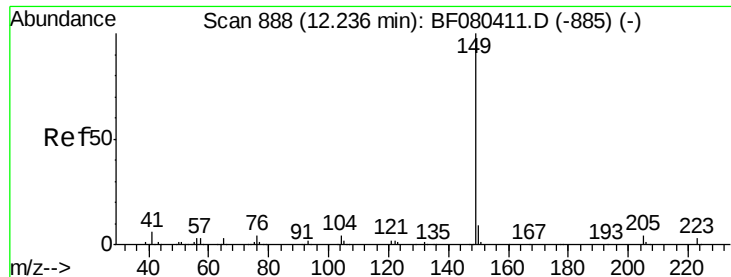
Tgt Ion:178 Resp: 121343
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.2 21.4
 179 15.4 11.6 17.4



#72
 Carbazole
 Concen: 38.84 ng
 RT: 11.90 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:167 Resp: 114803
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 36.18 ng

RT: 12.23 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

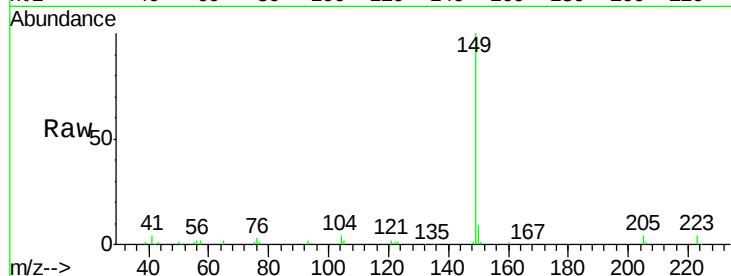
Tgt Ion:149 Resp: 113061

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

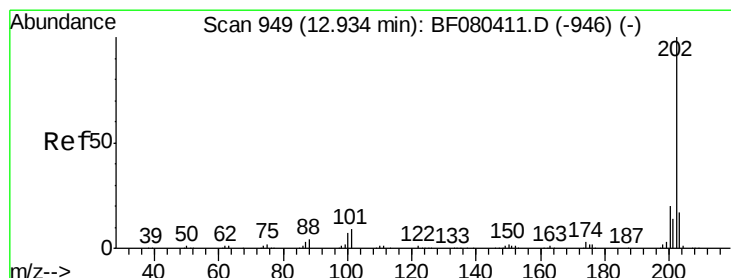
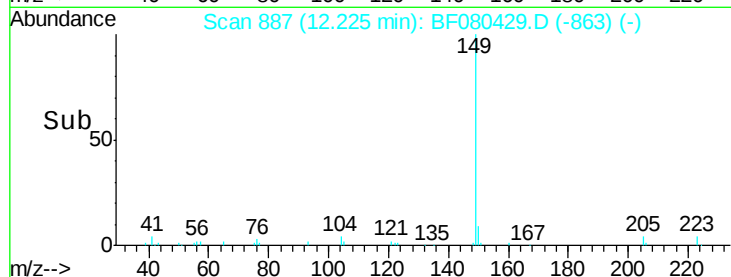
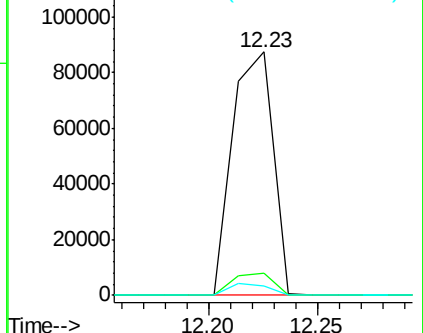
104 3.6 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.77 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.07 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

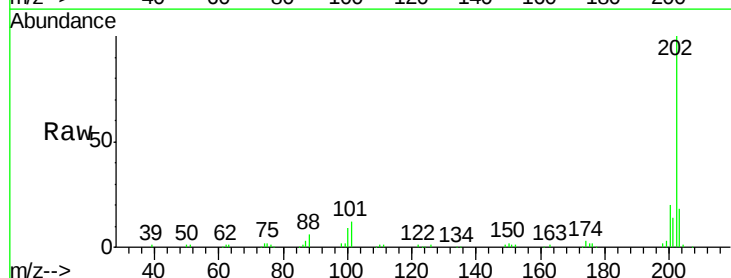
Tgt Ion:202 Resp: 142655

Ion Ratio Lower Upper

202 100

101 11.6 0.0 28.8

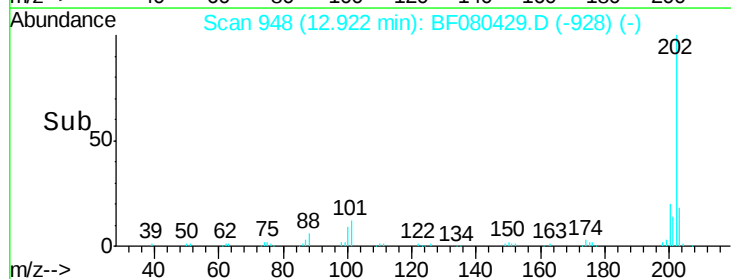
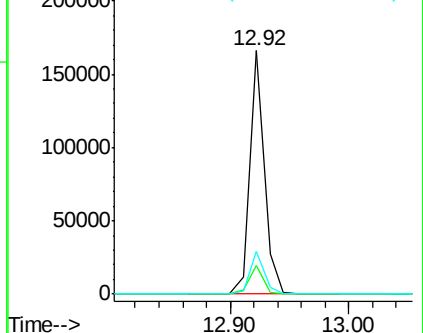
203 17.6 0.0 37.3

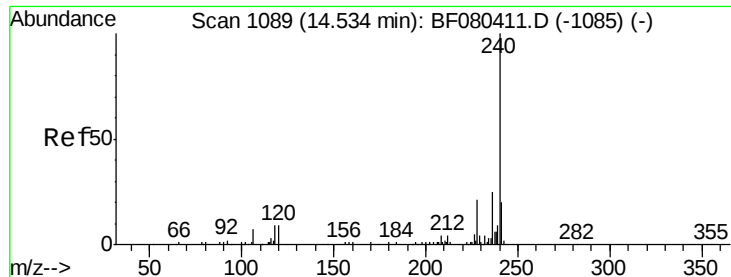


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.17 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

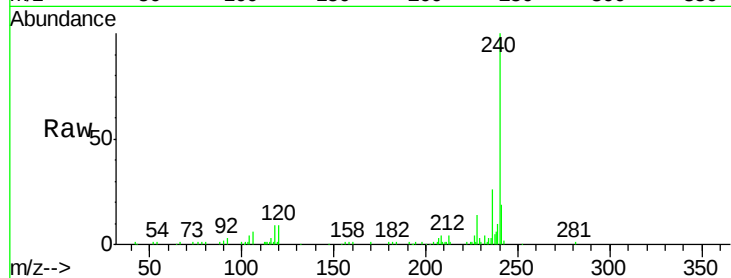
Tgt Ion:240 Resp: 79486

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.2

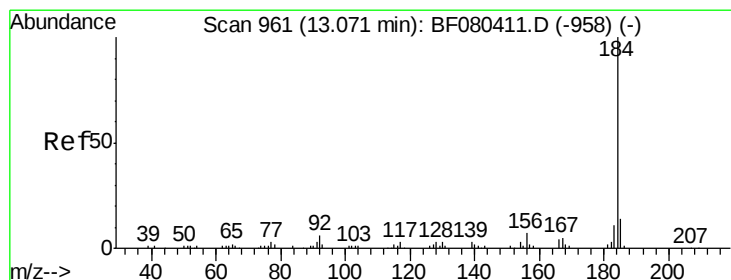
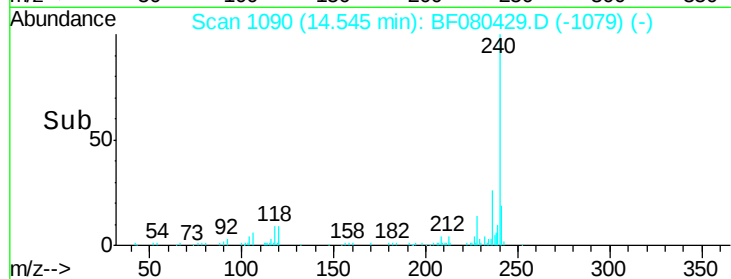
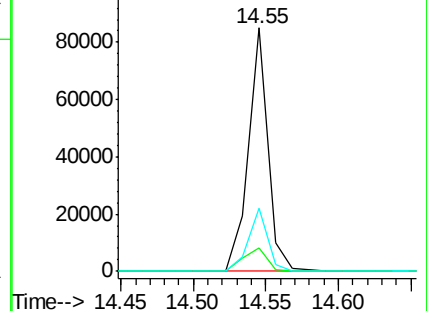
236 25.9 19.7 29.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.27 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

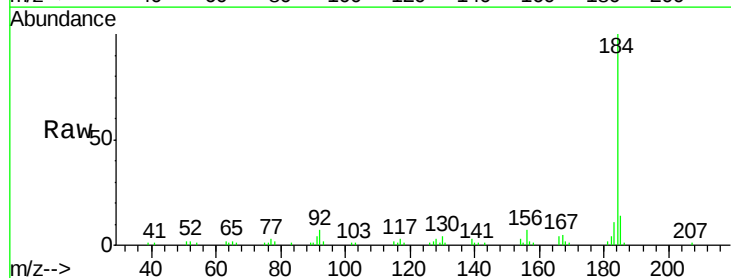
Tgt Ion:184 Resp: 56325

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

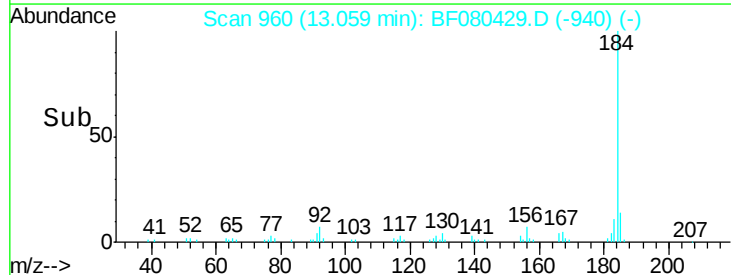
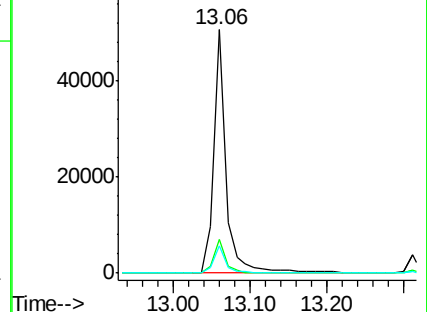
183 11.1 9.0 13.6

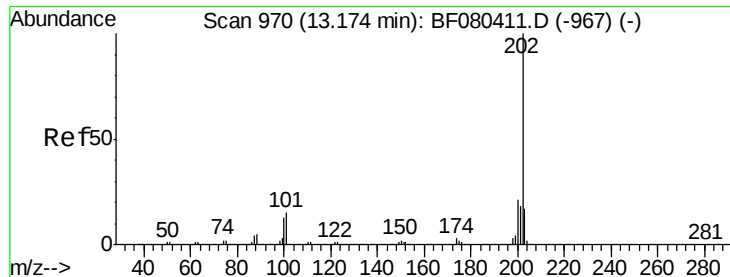


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

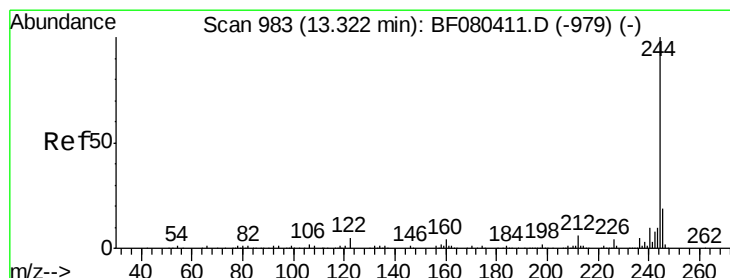
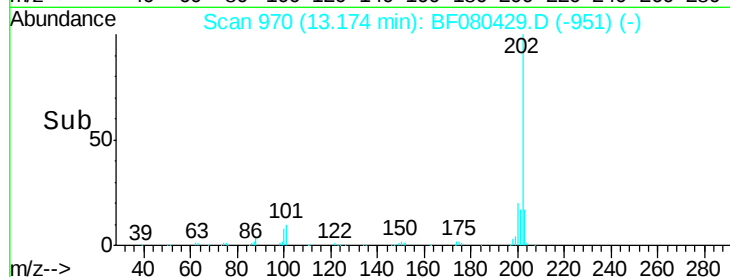
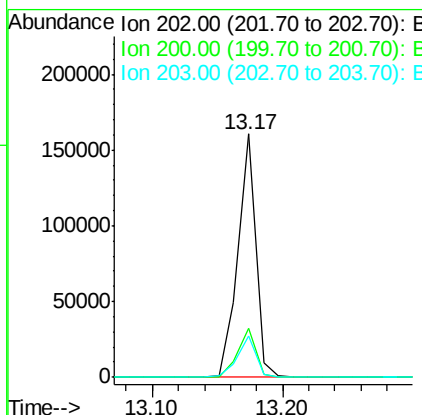
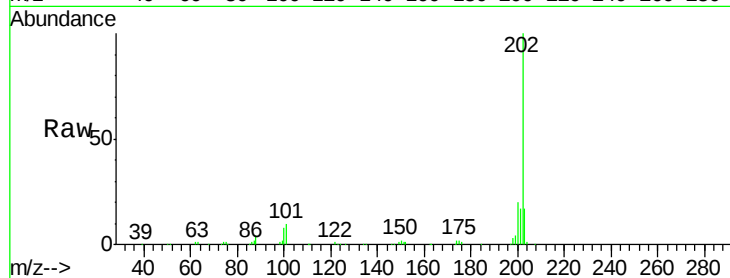




#77
 Pyrene
 Concen: 29.91 ng
 RT: 13.17 min Scan# 970
 Delta R.T. -0.08 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

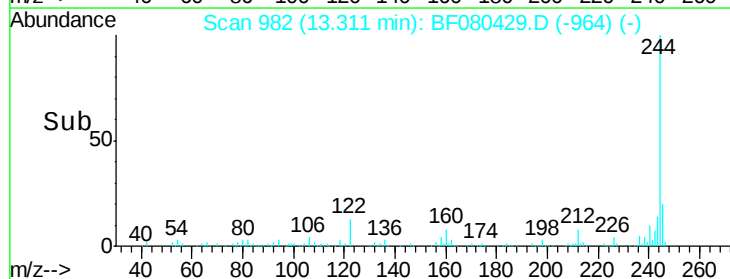
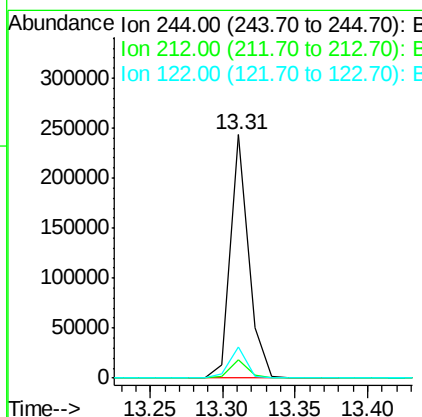
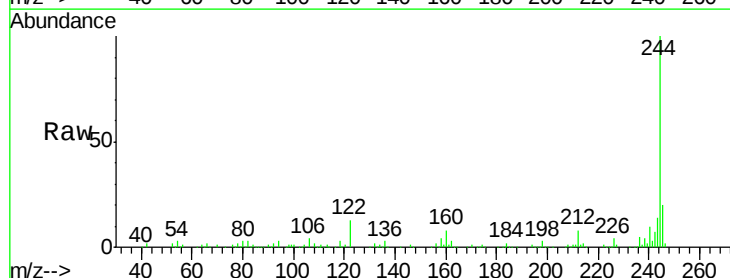
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

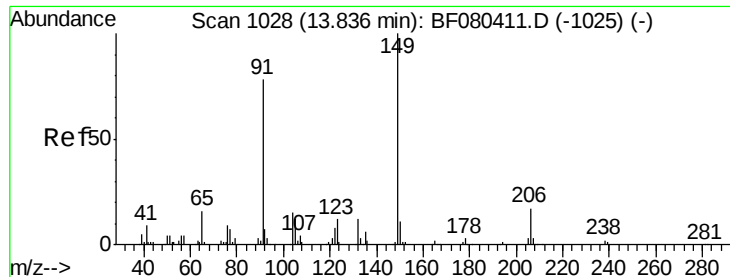
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	17.0	13.8	20.8



#78
 Terphenyl-d14
 Concen: 58.03 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.09 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	12.8	4.1	6.1#





#79

Butylbenzylphthalate

Concen: 30.06 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.13 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

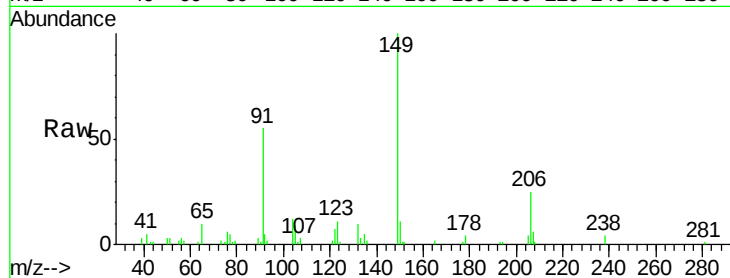
Tgt Ion:149 Resp: 58021

Ion Ratio Lower Upper

149 100

91 54.6 62.5 93.7#

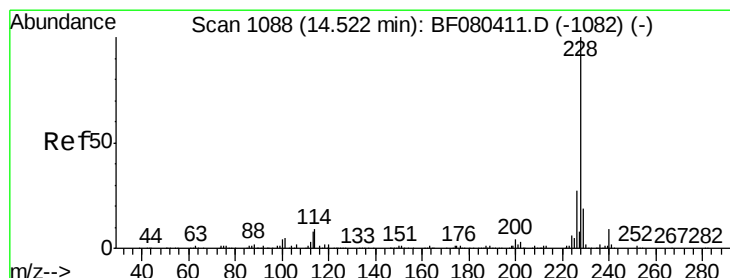
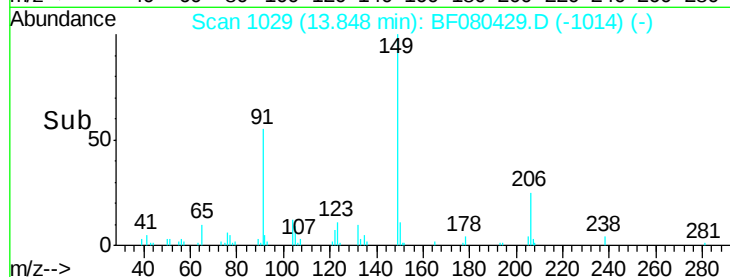
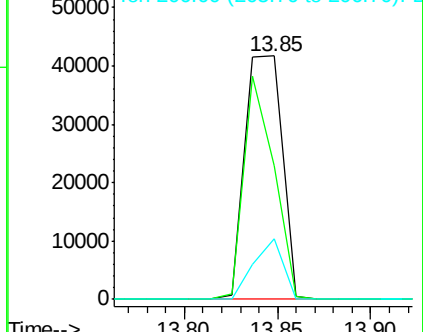
206 24.9 14.0 21.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.55 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.17 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

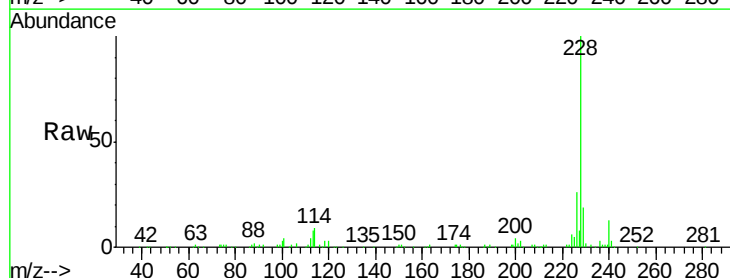
Tgt Ion:228 Resp: 168059

Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

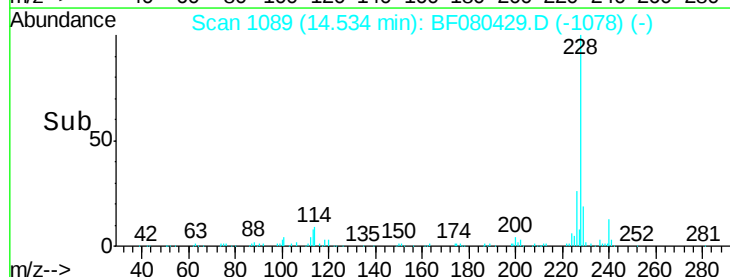
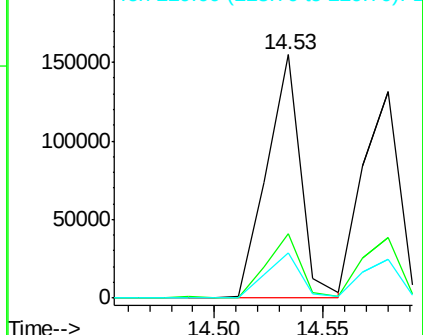
229 18.5 15.5 23.3

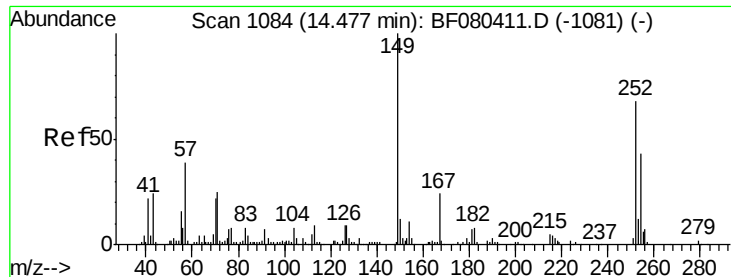


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

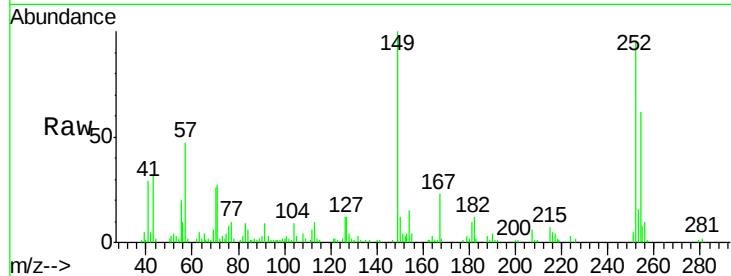




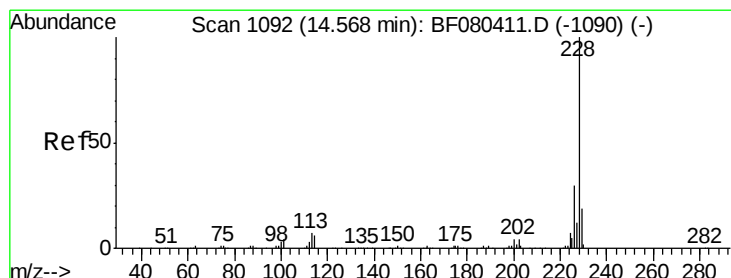
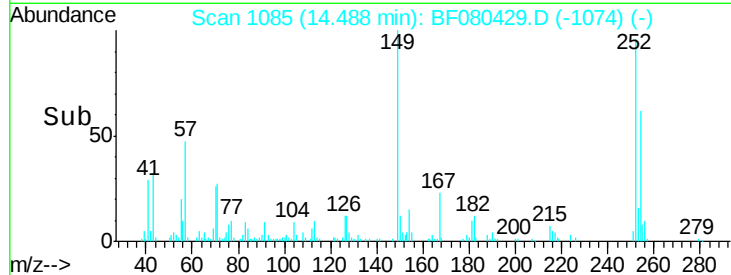
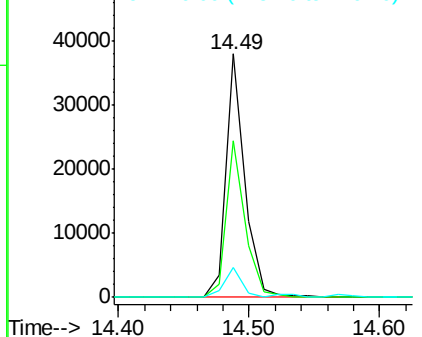
#81
 3,3'-Dichlorobenzidine
 Concen: 25.51 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.17 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion: 252 Resp: 38202
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.6 76.0
 126 12.2 10.6 15.8

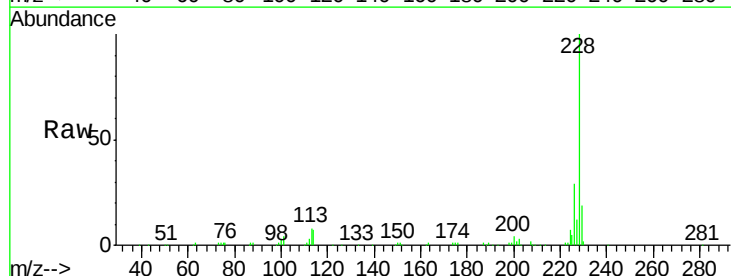


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

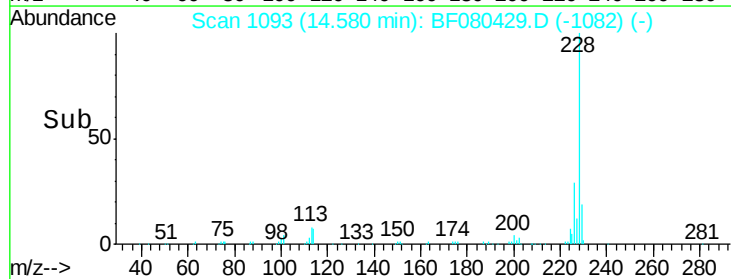
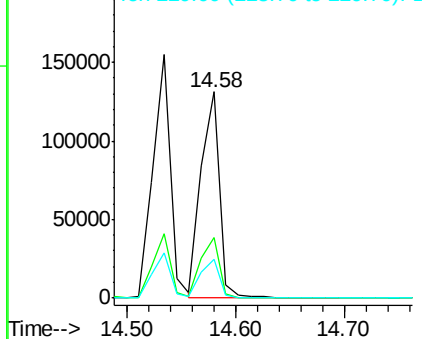


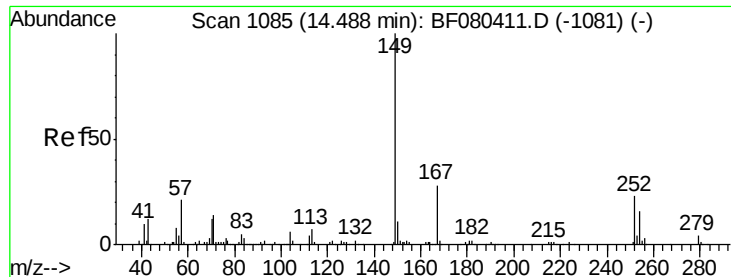
#82
 Chrysene
 Concen: 34.17 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.17 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion: 228 Resp: 157609
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.3 36.5
 229 18.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

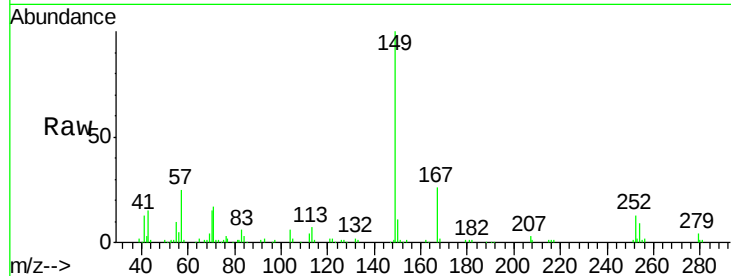




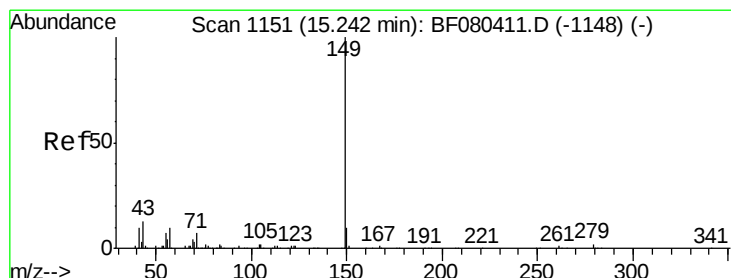
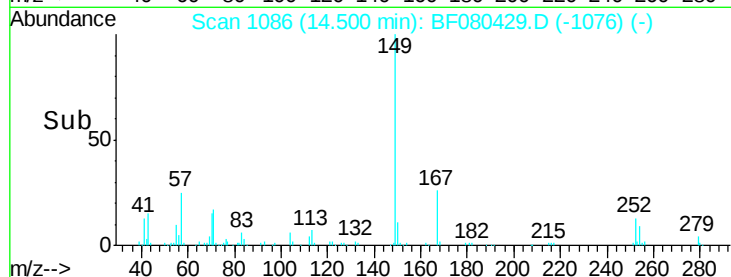
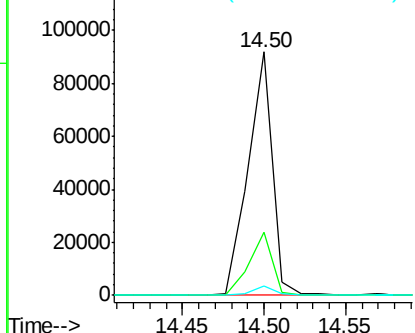
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.21 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.18 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:149 Resp: 94545
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.5 33.7
 279 3.7 3.5 5.3

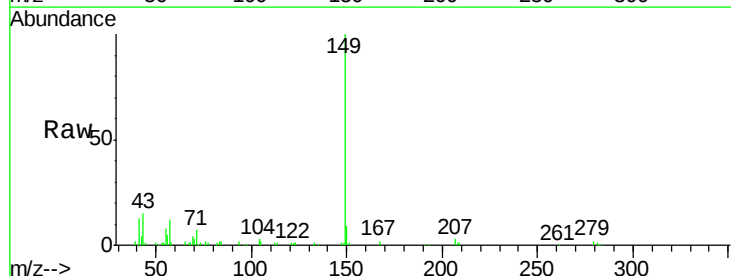


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

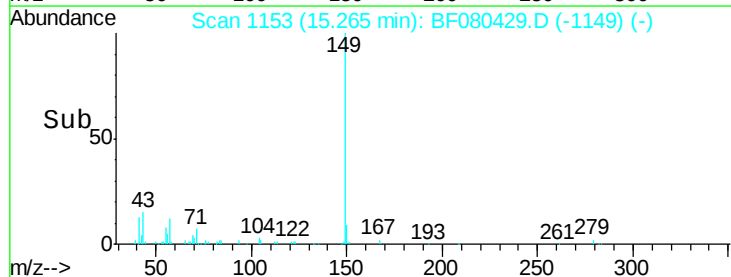
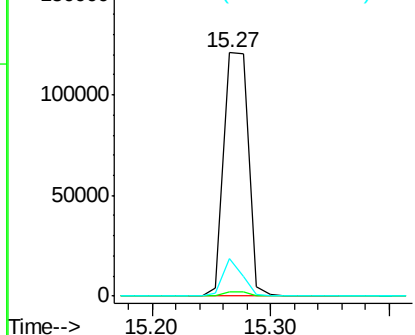


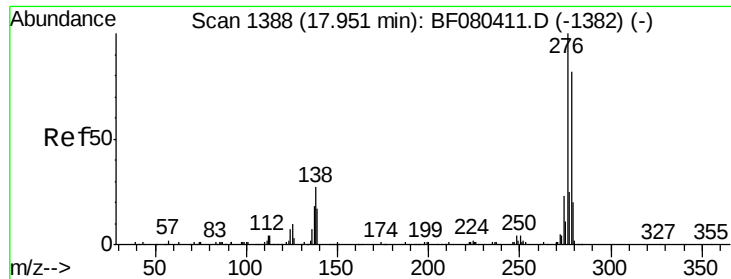
#84
 Di-n-octyl phthalate
 Concen: 32.35 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.25 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion:149 Resp: 172628
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

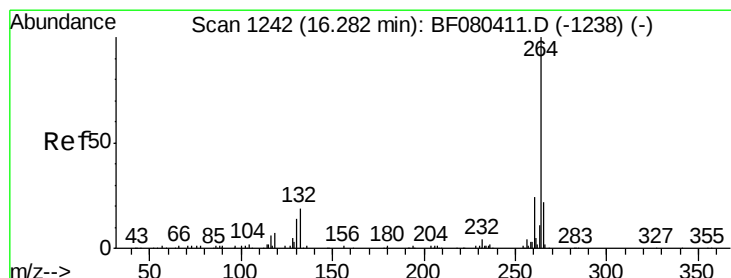
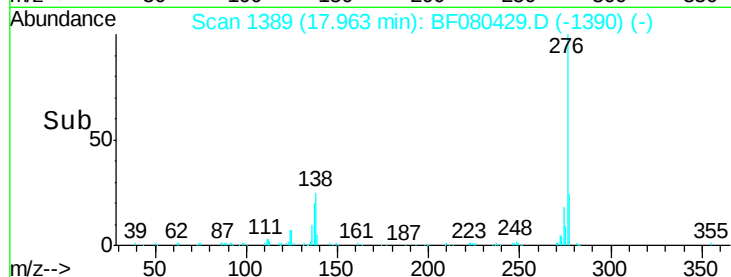
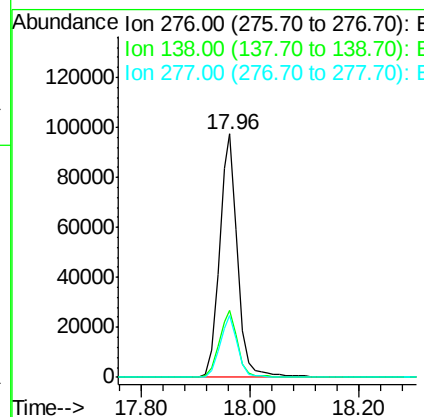
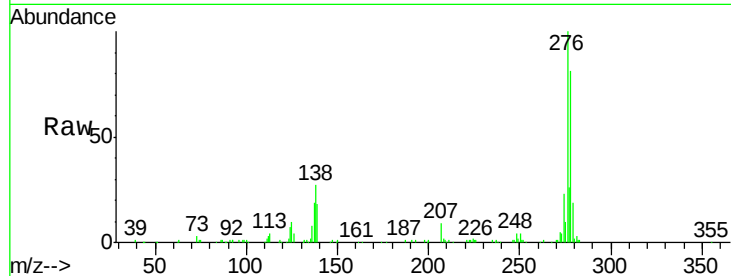




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.63 ng
 RT: 17.96 min Scan# 1389
 Delta R.T. -0.31 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

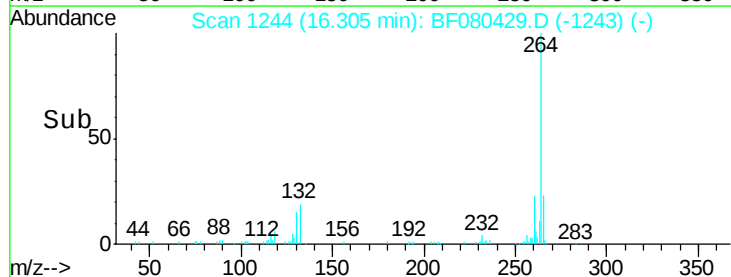
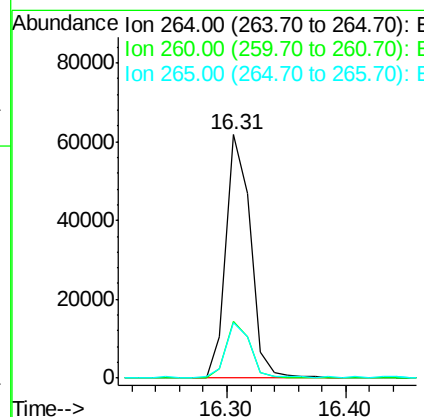
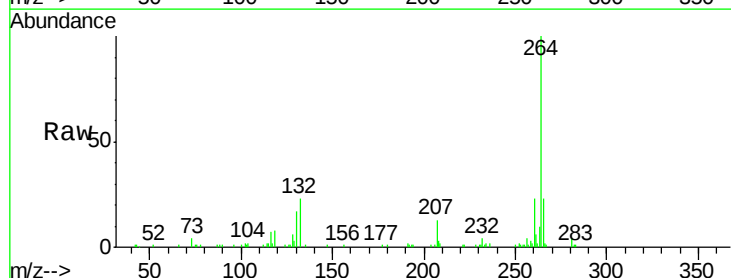
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

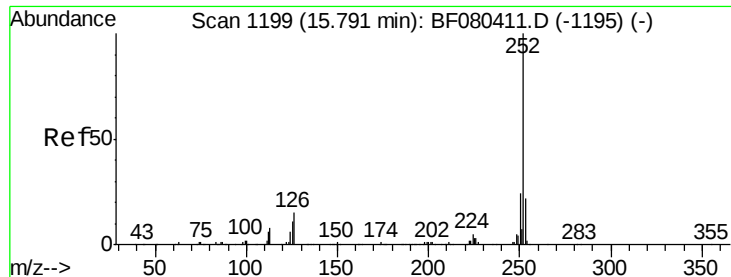
Tgt Ion: 276 Resp: 227044
 Ion Ratio Lower Upper
 276 100
 138 27.8 21.4 32.0
 277 24.5 19.5 29.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.31 min Scan# 1244
 Delta R.T. -0.29 min
 Lab File: BF080429.D
 Acq: 13 Jul 2015 16:38

Tgt Ion: 264 Resp: 88206
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 23.0 17.8 26.8

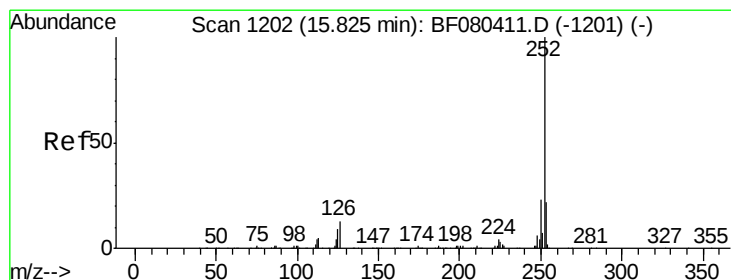
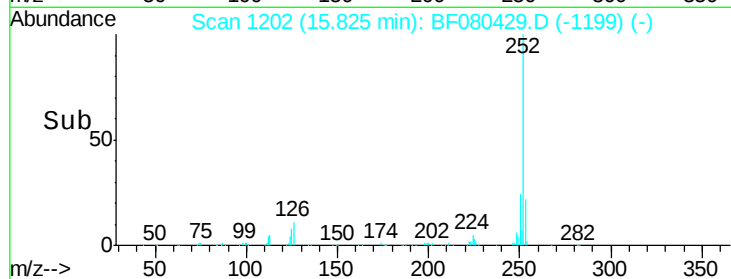
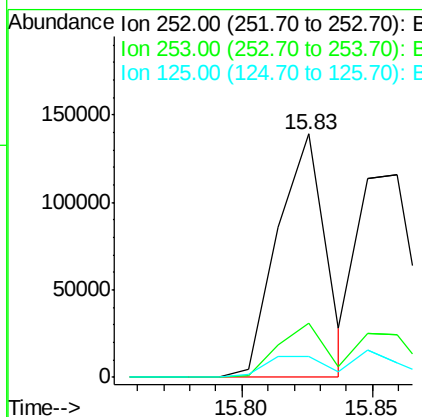
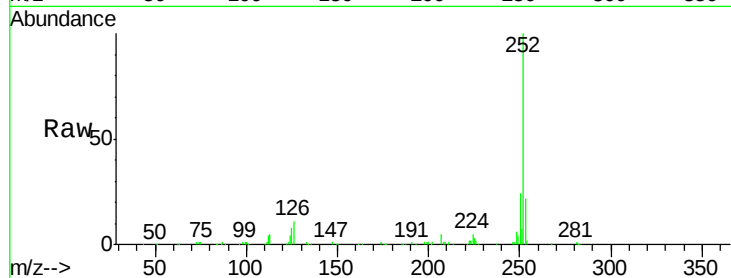




#87
Benzo(b)fluoranthene
Concen: 28.84 ng
RT: 15.83 min Scan# 1202
Delta R.T. -0.26 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

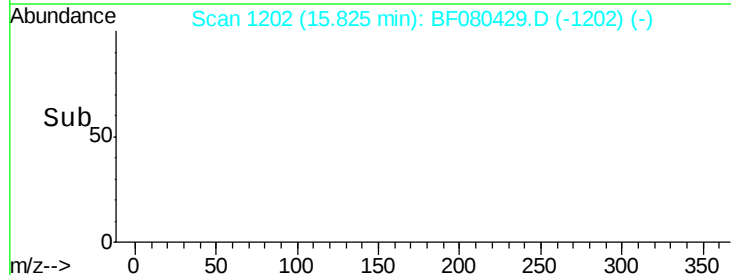
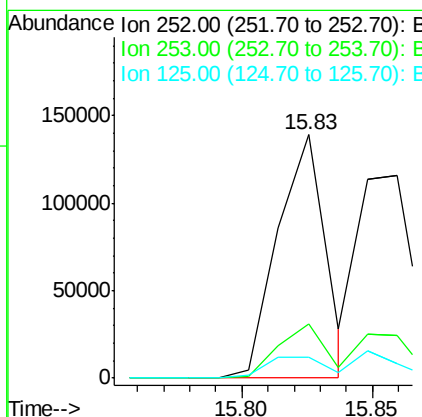
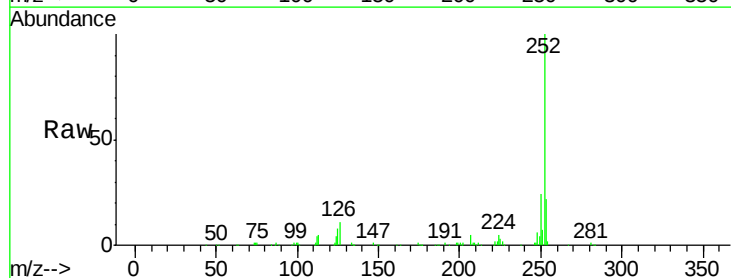
Instrument :
BNA_F
ClientSampleId :
PB84447BS

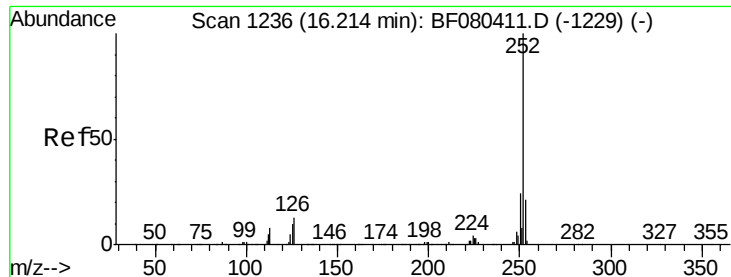
Tgt Ion: 252 Resp: 176681
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.5 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 35.26 ng
RT: 15.83 min Scan# 1202
Delta R.T. -0.30 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion: 252 Resp: 176681
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.5 8.4 12.6

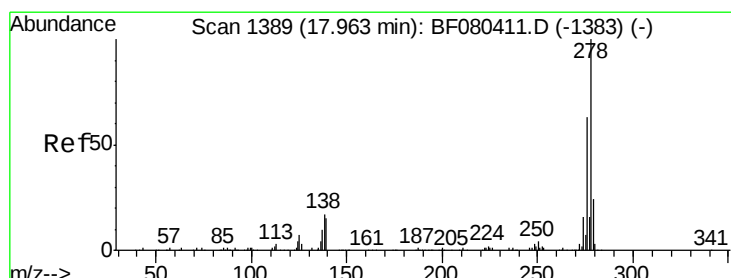
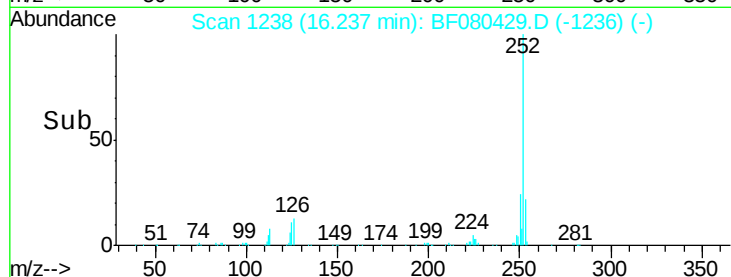
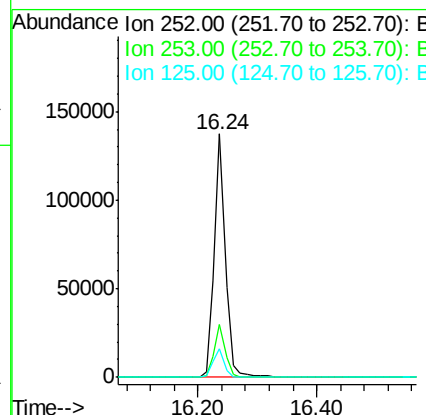
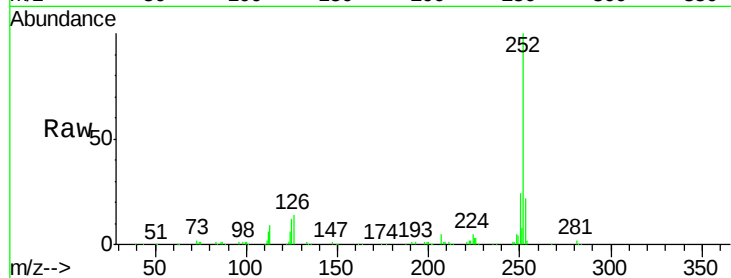




#89
Benzo(a)pyrene
Concen: 33.65 ng
RT: 16.24 min Scan# 1238
Delta R.T. -0.27 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

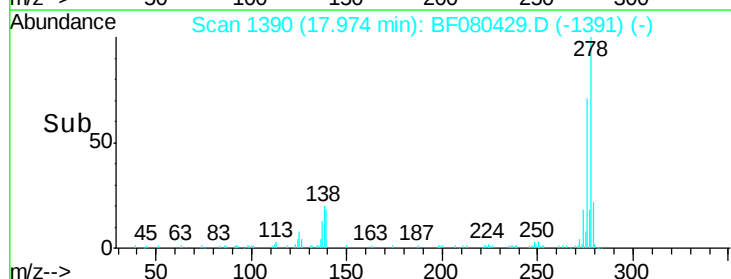
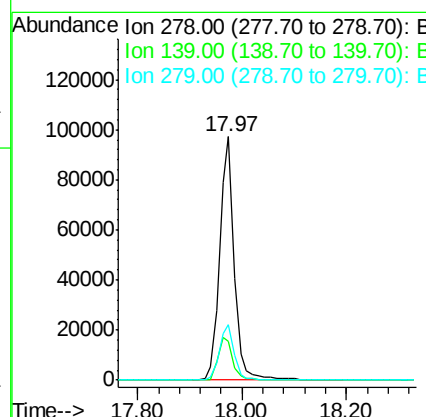
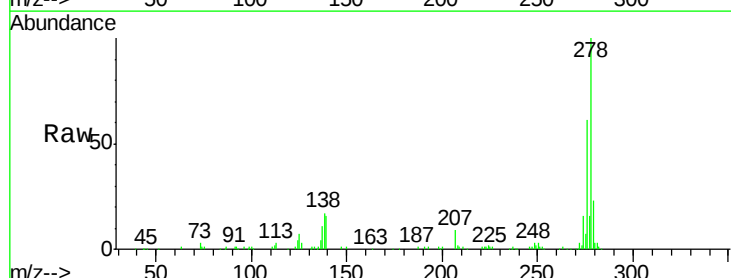
Instrument :
BNA_F
ClientSampleId :
PB84447BS

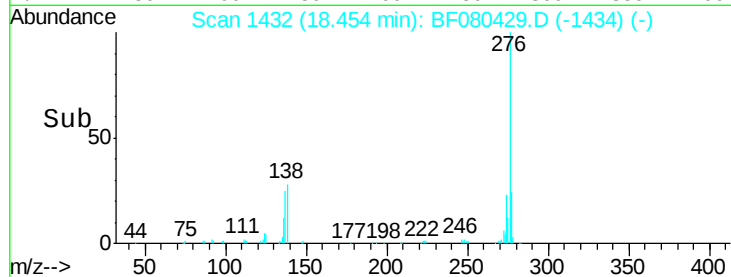
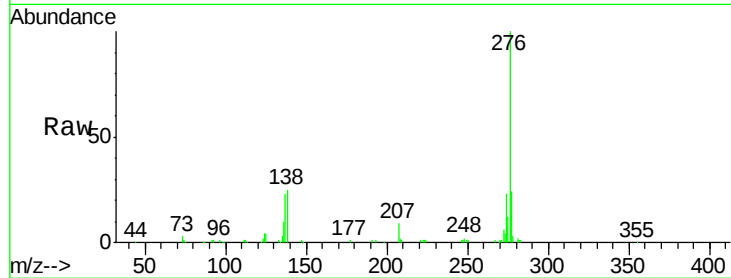
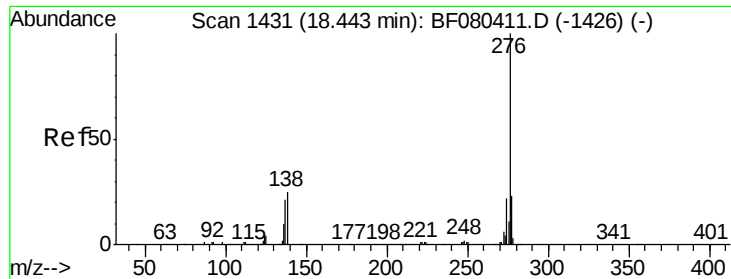
Tgt Ion:252 Resp: 180672
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.6 8.1 12.1



#90
Dibenzo(a,h)anthracene
Concen: 35.51 ng
RT: 17.97 min Scan# 1390
Delta R.T. -0.31 min
Lab File: BF080429.D
Acq: 13 Jul 2015 16:38

Tgt Ion:278 Resp: 188858
Ion Ratio Lower Upper
278 100
139 15.7 11.8 17.8
279 22.7 18.8 28.2





#91

Benzo(g,h,i)perylene

Concen: 36.43 ng

RT: 18.45 min Scan# 1432

Delta R.T. -0.32 min

Lab File: BF080429.D

Acq: 13 Jul 2015 16:38

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion: 276 Resp: 192469

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 25.0 20.3 30.5

